

N°	Mat. Etudiant	Nom	Prénom	Pos	Groupes	Note TP1	Note TP2	Note TP2	Note TP2	Moy. TP/20
1	222235029804	AAID	HADIL	Nv	Gr 1	16.00	16.00	14.50	17.00	15.88
2	222235074902	ABABSA	CHEMS EDDINE	Nv	Gr 1	11.50	12.50	13.25	12.25	12.38
3	222235100619	ABBOUCHE	MOHAMMED	Nv	Gr 1	0.00	0.00	0.00	0.00	0.00
4	222235092406	ABD ELHAMID	HAMADI	Nv	Gr 1	14.25	13.50	15.25	15.50	14.63
5	222235016015	ABDELAZIZ	MOHAMED SIF ELISLEM	Nv	Gr 1	0.00	13.75	13.00	13.00	9.94
6	222234070309	ABDELAZIZ	MOUNIR	Nv	Gr 1	0.00	12.50	14.00	14.50	10.25
7	222235036606	ABDELOUAHAB	DOUA	Nv	Gr 1	16.00	15.50	14.75	17.00	15.81
8	222234032619	ABDENNEBI	MOHAMED EL AMINE	NV	Gr 1	15.75	10.75	0.00	0.00	6.63
9	212235182410	ABDESSEMED	ABDELHASSIB	Nv	Gr 1	14.00	0.00	0.00	0.00	3.50
10	222235031708	ABDESSEMED	MOHAMED SALAH	Nv	Gr 1	12.00	0.00	0.00	0.00	3.00
11	212135004243	ABDESSEMED	SEDDIK	Rep	Gr 1	0.00	16.00	16.00	0.00	8.00
12	212135013828	ABDESSEMED	SOUFIANE	Rep	Gr 1	0.00	0.00	0.00	0.00	0.00
13	222235091402	ABECHE	ZAKARIA	Nv	Gr 1	13.00	15.50	15.50	14.50	14.63
14	222235066806	ABOUBOU	LOUAI	Nv	Gr 1	14.00	16.00	14.00	13.00	14.25
15	222235125605	ABOUCHE	RABEH	Nv	Gr 1	13.75	15.50	15.50	13.50	14.56
16	222235035905	ACHACHI	AKRAM	Nv	Gr 1	14.25	14.50	14.50	14.00	14.31
17	222235016611	ACHI	MALIK	Nv	Gr 1	13.75	0.00	0.00	13.50	6.81
18	222235084405	ACHI	SOUNDOUS	Nv	Gr 1	0.00	0.00	0.00	0.00	0.00
19	222235028314	ACHOURI	MOHAMED ILYES	Nv	Gr 1	13.00	14.00	11.00	0.00	9.50
20	222235017213	ACHOURI	WALIEDDINE	Nv	Gr 1	0.00	0.00	0.00	0.00	0.00
21	222235065406	ADJA	ISLAM	Nv	Gr 1	13.00	14.00	12.00	14.00	13.25
22	212135001628	ADJA	TAKI EDDINE	Rep	Gr 1	0.00	0.00	16.00	0.00	4.00
23	222235059405	ADJADJ	ZIAD	Nv	Gr 1	0.00	13.00	11.00	13.00	9.25
24	222235014811	ADJINA	YAKOUB	Nv	Gr 1	0.00	13.50	12.25	13.00	9.69
25	222235027013	ADJROUD	SOHAIB	Nv	Gr 1	13.00	13.50	15.00	14.00	13.88
26	222235027317	ADOUANE	ABDELFAHEH	Nv	Gr 1	14.50	13.50	12.50	14.00	13.63
27	222235129608	AGLEF	IMANE	Nv	Gr 1	0.00	14.50	13.50	15.00	10.75
28	222235037310	AGUILAL	SALH EDDINE	Nv	Gr 1	0.00	0.00	0.00	0.00	0.00
29	212135006635	AGUILLAL	HAROUNE	TR	Gr 1	16.50	13.75	14.00	15.00	14.81
30	222235077703	AGUINI	AYA	Nv	Gr 1	14.50	14.50	15.00	15.00	14.75
31	222235087704	AHMADI	SIHAM	Nv	Gr 1	13.50	14.00	15.00	15.00	14.38
32	222235023702	AHMANE	ARIDJ	Nv	Gr 1	0.00	0.00	0.00	0.00	0.00
33	222235027402	AICHI	ABDALLAH	Nv	Gr 1	0.00	0.00	0.00	0.00	0.00
34	222235025018	AICHI	BADIS	Nv	Gr 1	14.50	14.00	12.50	14.00	13.75
35	222235073904	AICHI	IMAD EDDINE	Nv	Gr 1	13.50	14.00	15.00	15.00	14.38
36	222235078706	AICHOURL	CHAIMA	Nv	Gr 1	14.50	14.00	13.00	15.00	14.13
37	222235024204	AIOUADJ	ANIS	Nv	Gr 1	0.00	0.00	0.00	0.00	0.00

N°	Mat. Etudiant	Nom	Prénom	Pos	Groupes	Note TP1	Note TP2	Note TP2	Note TP2	Moy. TP/20
1	212135016107	AISSA MEBRAK	MOHAMED	TR	Gr 2	16.50	15.00	14.00	15.00	15.13
2	222235050004	AISSANI	AYMEN	Nv	Gr 2	0.00	0.00	0.00	0.00	0.00
3	222235066303	AISSANI	SEYF EDDINE	Nv	Gr 2	14.50	13.50	15.50	0.00	10.88
4	222235353803	AKACHE	CHAREF EDDINE	Nv	Gr 2	15.00	12.00	14.00	0.00	10.25
5	222235036008	AKAKBA	ANIS SIFEDDINE	Nv	Gr 2	14.50	15.00	16.00	15.00	15.13
6	222235039311	AKKARI	MAHDI	Nv	Gr 2	14.50	15.00	15.50	15.00	15.00
7	222235101706	AKSA	GHADA	Nv	Gr 2	13.00	14.00	13.50	15.50	14.00
8	222235102502	AKSA	SALIM	Nv	Gr 2	13.00	14.50	13.50	15.00	14.00
9	222235039507	ALGUETNI	IMANE	Nv	Gr 2	15.00	14.50	12.00	15.00	14.13
10	222235052906	ALIAT	ELHOUCINE	Nv	Gr 2	14.50	15.50	15.50	15.00	15.13
11	222235110505	ALIKA	Islam	Nv	Gr 2	13.00	13.00	12.00	15.00	13.25
12	222235111108	ALIOUA	NOUR ELYAKINE	Nv	Gr 2	14.50	15.50	14.00	16.00	15.00
13	222235129310	ALLAG	ABDELHALIM	Nv	Gr 2	13.00	12.00	15.00	15.00	13.75
14	222235037418	ALLOUACHE	ABD ERAHIM	Nv	Gr 2	13.50	0.00	15.00	0.00	7.13
15	151535016679	ALLOUCHE	ABDERRAHIM	Reint	Gr 2	0.00	0.00	0.00	0.00	0.00
16	222234049408	ALLOUI	DALAL	Nv	Gr 2	13.00	14.00	16.00	15.50	14.63
17	222235013017	AMADJI	MOHAMED REDHA	Nv	Gr 2	14.00	0.00	13.50	15.50	10.75
18	222235027920	AMAMRA	LOUAI	Nv	Gr 2	15.25	15.50	15.00	14.50	15.06
19	222235016606	AMAMRA	MOHAMED MEROUANE	Nv	Gr 2	15.25	15.00	13.50	13.50	14.31
20	222235015920	AMAMRA	SOHAIB	Nv	Gr 2	13.00	14.00	13.75	14.00	13.69
21	222235014507	AMARA	HAITHAM	Nv	Gr 2	0.00	0.00	0.00	0.00	0.00
22	222235023909	AMEGHCHOUCHE	ALAA IBTIHEL	Nv	Gr 2	13.50	15.00	14.25	13.50	14.06
23	222235081315	AMMARI	MANAL	Nv	Gr 2	15.00	14.50	12.75	17.00	14.81
24	222235121003	AMRANE	AHMED YASSINE	Nv	Gr 2	13.75	13.50	14.00	7.50	12.19
25	222235120608	AMRANE	DJAWHAR	Nv	Gr 2	14.50	15.25	15.50	15.00	15.06
26	222235128313	AMRI	YASSER	Nv	Gr 2	14.25	15.00	15.00	15.00	14.81
27	171735012472	ANAB	MANAR	IA	Gr 2	0.00	0.00	13.00	15.50	7.13
28	222235092414	ANANE	MERIEM	Nv	Gr 2	15.75	14.50	17.00	16.00	15.81
29	222235117301	ANCER	TARIQ	Nv	Gr 2	0.00	13.50	12.00	13.50	9.75
30	222235069402	ANOUNE	AMINE	Nv	Gr 2	16.00	16.00	13.00	13.50	14.63
31	222235027610	AOUADJ	FADI IMED EDDINE	Nv	Gr 2	14.75	15.50	15.50	15.50	15.31
32	222235087509	AOUADJ	TAKOUA	Nv	Gr 2	11.75	16.50	18.00	12.50	14.69

N°	Mat. Etudiant	Nom	Prénom	Pos	Groupes	Note TP1	Note TP2	Note TP2	Note TP2	Moy. TP/20
1	222235036311	AREZKI	BASSEM	Nv	Gr 3	15.50	13.50	13.00	0.00	10.50
2	222235046508	ARIOUAT	ABDERRAOUF	Nv	Gr 3	0.00	13.00	16.00	0.00	7.25
3	222235103511	ARIS	HADJER	Nv	Gr 3	13.25	13.50	16.00	0.00	10.69
4	222235118805	AROUI	ABDELKARIM	Nv	Gr 3	15.00	16.00	16.00	0.00	11.75
5	212135009087	AROUI	MAHDI	Rep	Gr 3	0.00	0.00	0.00	0.00	0.00
6	222235136807	ARRAS	LAMIS	Nv	Gr 3	15.00	0.00	16.00	0.00	7.75
7	222235085609	ASSAS	OUMELKHEIR	Nv	Gr 3	16.00	14.50	16.50	0.00	11.75
8	212235180401	ATMANI	TAREK	Nv	Gr 3	15.75	15.50	14.00	0.00	11.31
9	222235061319	ATTALLAH	WOROUUD	Nv	Gr 3	0.00	0.00	15.50	0.00	3.88
10	222235113717	AZIEZ	MOHAMMED AMMAR	Nv	Gr 3	16.50	13.00	13.50	0.00	10.75
11	222235076101	AZOUI	IBTIHAL NOR ELAMEL	Nv	Gr 3	15.00	14.50	16.00	0.00	11.38
12	222235036011	AZOUZ	AYA	Nv	Gr 3	14.00	15.00	15.50	0.00	11.13
13	222235068908	AZOUZ	ILYES	Nv	Gr 3	0.00	16.00	15.00	0.00	7.75
14	222235073408	BAALA	RAID	Nv	Gr 3	14.00	13.00	15.00	0.00	10.50
15	222235009008	BAALOUJ	OUSSAMA	Nv	Gr 3	14.00	15.00	15.00	0.00	11.00
16	222235027513	BAALOUJ	IMED EDDINE	Nv	Gr 3	0.00	0.00	0.00	0.00	0.00
17	222235055902	BAAZIZ	CHAHINE	Nv	Gr 3	14.25	15.75	13.75	0.00	10.94
18	222235059210	BAAZIZ	SALAH	Nv	Gr 3	0.00	0.00	0.00	0.00	0.00
19	222235012011	BAAZIZI	ABD ERRAHIM	Nv	Gr 3	0.00	15.50	15.25	0.00	7.69
20	222235016615	BAAZOUZI	MAHDI WALI EDDINE	Nv	Gr 3	14.50	15.75	14.00	0.00	11.06
21	222235088701	BACHIR	ASMA	Nv	Gr 3	14.50	15.50	15.00	0.00	11.25
22	222235068907	BACHTOUTI	IBRAHIM	Nv	Gr 3	14.25	14.75	13.00	0.00	10.50
23	222235108306	BADDEK	SOUNDOUS	Nv	Gr 3	14.00	13.50	14.00	0.00	10.38
24	222235009817	BAGHIANI	KHOULOUD	Nv	Gr 3	0.00	13.00	15.00	0.00	7.00
25	222234028301	BAKHA	SAAD	Nv	Gr 3	14.50	14.75	14.50	0.00	10.94
26	222235097514	BAKHOUCHE	YARA	Nv	Gr 3	14.50	13.50	15.00	0.00	10.75
27	222235030118	BAKHOUCHE	YOUSRA	Nv	Gr 3	14.75	15.75	15.00	0.00	11.38
28	222235205509	BAKIR	OUSSAMA	Nv	Gr 3	14.75	15.25	12.75	0.00	10.69
29	222235011502	BALAH	SALAH EDDINE	Nv	Gr 3	13.50	16.00	14.75	0.00	11.06
30	191935005932	BALLA	AYMEN	IA	Gr 3	0.00	0.00	0.00	0.00	0.00
31	222235169105	BATOUCHE	ROUMAISSA	Nv	Gr 3	0.00	16.00	16.00	0.00	8.00
32	222235032004	BAYARASSOU	AKRAM	Nv	Gr 3	14.50	0.00	0.00	0.00	3.63

N°	Mat. Etudiant	Nom	Prénom	Pos	Groupes	Note TP1	Note TP2	Note TP2	Note TP2	Moy. TP/20
1	222235073816	BAZIZ	ABDELWADOUD	Nv	Gr 4	14.00	13.75	12.50	12.00	13.06
2	222235031715	BECH	MERIEM	Nv	Gr 4	15.50	17.00	14.00	0.00	11.63
3	222235027705	BECHE	FATMA ZOHRA EL BATOU	Nv	Gr 4	15.25	15.50	17.00	16.25	16.00
4	222235113116	BECHATOU	ABDELFATTAH	Nv	Gr 4	14.50	13.75	15.25	13.25	14.19
5	222235125606	BECHTOUTI	RAMZI	Nv	Gr 4	14.75	12.00	13.75	0.00	10.13
6	222235127511	BEDDA	AYOUB	Nv	Gr 4	0.00	4.00	0.00	0.00	1.00
7	222235127705	BEDDA	SALAH EDDINE	Nv	Gr 4	14.00	13.50	12.50	12.50	13.13
8	222235088303	BEGGOUR	ACHOUAK	Nv	Gr 4	12.25	12.50	14.00	0.00	9.69
9	222235089209	BEGGOUR	NAOURAS	Nv	Gr 4	16.00	17.00	17.00	17.00	16.75
10	222235102504	BEGHOURA	CHAHRA	Nv	Gr 4	14.00	12.50	14.00	14.00	13.63
11	222235025307	BEHAZ	HAMDI HAITHAM	Nv	Gr 4	11.25	13.75	12.00	12.50	12.38
12	222235131819	BEKHOUCHE	AMMAR	Nv	Gr 4	13.25	16.25	15.50	15.50	15.13
13	222235030811	BEKHOUCHE	LOUAI	Nv	Gr 4	13.25	12.50	10.25	12.25	12.06
14	222235065712	BELAGOUNE	BILLEL	Nv	Gr 4	11.50	14.50	15.50	16.00	14.38
15	222235049710	BELAYADI	LOUAI	Nv	Gr 4	11.00	11.25	14.00	0.00	9.06
16	222235129711	BELAYATI	MOHAMED ISLEM	Nv	Gr 4	14.50	14.25	16.50	14.50	14.94
17	222235095610	BELFERRAG	AKILA	Nv	Gr 4	14.75	14.75	15.75	14.00	14.81
18	222235026109	BELFERRAG	ZINEDDINE	Nv	Gr 4	13.00	14.00	16.00	16.00	14.75
19	222235028001	BELGHIT	LOUAI EDDINE	Nv	Gr 4	14.75	14.75	0.00	0.00	7.38
20	222235088712	BELHADJ	OMAR	Nv	Gr 4	13.25	11.25	15.50	15.25	13.81
21	212235181517	BELHIS	MOHAMMED SALAH	Nv	Gr 4	15.00	13.00	15.50	16.00	14.88
22	222235085616	BELHOUCHE	CHEMSEDDINE	Nv	Gr 4	14.50	13.50	14.75	16.00	14.69
23	222235135820	BELKACEM	DJAOUAD ABDERRAHIM	Nv	Gr 4	0.00	0.00	0.00	0.00	0.00
24	212135016135	BELKACEM BOUZ	DJABER	Rep	Gr 4	0.00	17.00	17.00	16.00	12.50
25	222235080611	BELKACEMI	AYOUB	Nv	Gr 4	15.00	15.00	15.25	15.00	15.06
26	222235073502	BELKACEMI	RANA	Nv	Gr 4	14.75	14.00	15.00	16.00	14.94
27	222235053401	BELKHEDRIA	ABDERRAHMAN	Nv	Gr 4	15.75	15.25	15.50	15.25	15.44
28	222235036609	BELKHIRI	DOUAA	Nv	Gr 4	15.50	14.75	15.00	15.00	15.06
29	222235137906	BELKHIRI	IBTIHEL	Nv	Gr 4	13.75	13.25	14.75	14.25	14.00
30	222235007602	BELLAH	ADEM	Nv	Gr 4	0.00	0.00	0.00	0.00	0.00
31	222235085903	BELLIL	ACHRAF	Nv	Gr 4	13.25	14.50	14.50	16.00	14.56

N°	Mat. Etudiant	Nom	Prénom	Pos	Groupes	Note TP1	Note TP2	Note TP2	Note TP2	Moy. TP/20
1	222235011212	BELLIL	CHIHABEDDINE	Nv	Gr 5	13.00	13.00	14.00	13.00	13.25
2	222235113702	BELLOUM	ASMA	Nv	Gr 5	18.00	18.00	17.50	17.50	17.75
3	222235031515	BELLOUMI	SAMI	Nv	Gr 5	0.00	0.00	14.00	15.50	7.38
4	222235014611	BELMAMOUNE	WASSIM NOUR ELISLEM	Nv	Gr 5	17.00	17.00	17.50	16.00	16.88
5	222235125102	BELMESSOUS	AKRAM	Nv	Gr 5	16.00	17.00	18.00	16.50	16.88
6	222235131506	BELOUCIF	KHAWLA	Nv	Gr 5	0.00	0.00	0.00	0.00	0.00
7	222235087815	BEN AHMED	MOHAMED AYMEN	Nv	Gr 5	15.00	14.00	15.00	14.00	14.50
8	222235027004	BEN AHMED	SALAH EDDINE	Nv	Gr 5	18.00	15.00	16.00	16.00	16.25
9	222231217513	BEN ALI AGHGAL	Chahinez	Nv	Gr 5	18.00	17.00	17.50	17.50	17.50
10	222235085208	BEN KHERROUR	MOHAMMED	Nv	Gr 5	15.00	13.00	13.00	14.00	13.75
11	222235039603	BEN MOHAMMED	KAOUTHER	Nv	Gr 5	18.00	18.00	18.00	17.50	17.88
12	222235119308	BEN SAIDI	Abdelghafour	Nv	Gr 5	13.00	17.00	0.00	0.00	7.50
13	222235137101	BEN SAMRA	MALAK	Nv	Gr 5	14.00	15.00	16.00	14.00	14.75
14	222235061806	BEN SBAA	ZAKARIA	Nv	Gr 5	14.00	14.50	14.00	14.00	14.13
15	222235136604	BENABDELLAH	ABDERRAHMANE	Nv	Gr 5	0.00	0.00	0.00	0.00	0.00
16	222235088307	BENACER	AYOUB	Nv	Gr 5	14.00	14.00	13.50	0.00	10.38
17	222235031703	BENAFIA	MOHAMMED ANIS	Nv	Gr 5	13.50	15.00	13.50	0.00	10.50
18	222235066810	BENAGOUNE	LAMIS	Nv	Gr 5	13.50	15.00	16.00	0.00	11.13
19	222235031506	BENAGOUNE	RAID	Nv	Gr 5	0.00	0.00	0.00	0.00	0.00
20	212135018489	BENAGOUNE	WAIL FAKHR EDDINE	Rep	Gr 5	0.00	0.00	0.00	0.00	0.00
21	212135014232	BENAHMED	MOHAMMED NOR EDDINE	REO	Gr 5	16.50	14.00	14.00	13.00	14.38
22	222235009709	BENAICHA	HAMZA	Nv	Gr 5	0.00	0.00	0.00	0.00	0.00
23	222235013102	BENAICHA	MOHAMED DHIAA EDDINE	Nv	Gr 5	16.00	16.00	16.00	0.00	12.00
24	222235108304	BENAICHA	SANA	Nv	Gr 5	13.00	0.00	14.50	0.00	6.88
25	222235102106	BENAKKAF	SALAH	Nv	Gr 5	14.00	13.50	0.00	0.00	6.88
26	222235037015	BENALI	SIFEDDINE	Nv	Gr 5	14.00	15.00	13.50	0.00	10.63
27	212135006778	BENALI	AYMENE	Rep	Gr 5	13.00	0.00	0.00	0.00	3.25
28	212135006587	BENALI	MOUNDIR	Rep	Gr 5	17.00	14.50	0.00	0.00	7.88
29	222235116020	BENAMARA	WIAM	Nv	Gr 5	14.00	15.00	14.50	0.00	10.88
30	222235011411	BENAMER	SABRINA	Nv	Gr 5	13.00	14.00	13.50	0.00	10.13
31	222235056303	BENAMEUR	SOUHIL	Nv	Gr 5	0.00	14.50	11.50	0.00	6.50
32	222235097217	BENAMMAR	ABDERRAHMANE	Nv	Gr 5	0.00	14.00	12.50	0.00	6.63
33	222235135710	BENAMMAR	ILYES	Nv	Gr 5	14.00	12.00	12.50	0.00	9.63
34	222235089202	BENAMMAR	ROMEYSSA	Nv	Gr 5	13.50	15.00	16.00	0.00	11.13
35	222235037707	BENAMOUMA	FEYROUZ	Nv	Gr 5	0.00	15.00	13.50	0.00	7.13

N°	Mat. Etudiant	Nom	Prénom	Pos	Groupes	Note TP1	Note TP2	Note TP2	Note TP2	Moy. TP/20
1	222235039510	BENAMOUMA	TAKIEDDINE	Nv	Gr 6	16.00	17.00	16.50	17.50	16.75
2	222235089201	BENAOUN	AMANI	Nv	Gr 6	13.00	17.00	16.50	16.50	15.75
3	222235053603	BENATIR	MAHMOUD	Nv	Gr 6	13.00	13.00	14.50	13.50	13.50
4	222235059409	BENAYACHE	SARA	Nv	Gr 6	0.00	0.00	0.00	0.00	0.00
5	222235017406	BENBELLAT	AKRAM	Nv	Gr 6	15.50	15.50	14.50	14.00	14.88
6	222235092608	BENBOUTA	BADISS	Nv	Gr 6	15.50	14.50	14.00	13.50	14.38
7	222235012110	BENBRAHIM	ALAEDDINE	Nv	Gr 6	16.00	14.00	13.50	13.50	14.25
8	222235032411	BENCHADI	ABDERRAHIM	Nv	Gr 6	16.50	16.00	16.50	15.50	16.13
9	222235011714	BENCHAIRA	ABDERRAOUF	Nv	Gr 6	14.00	17.00	0.00	0.00	7.75
10	222235013007	BENCHAIRA	MOHAMED EL MEHDI	Nv	Gr 6	13.00	16.50	17.50	16.00	15.75
11	222235125101	BENCHELOUI	ASMA	Nv	Gr 6	15.50	14.50	15.00	13.50	14.63
12	222235007815	BENDAHMANE	AHMED RAMI	Nv	Gr 6	15.50	18.00	0.00	0.00	8.38
13	222235016020	BENDERRADJI	HAJAR DHOHA	Nv	Gr 6	14.00	15.00	15.00	14.50	14.63
14	222235097006	BENDIB	IBTISSAM	Nv	Gr 6	13.00	13.00	18.00	16.50	15.13
15	222235092412	BENDIB	MOUHAMED AYMEN	Nv	Gr 6	15.00	14.00	15.50	15.50	15.00
16	222235098101	BENDIB	QAMAR	Nv	Gr 6	13.00	14.50	17.50	18.00	15.75
17	222235017209	BENDJEDIDI	HAITHEM	Nv	Gr 6	14.50	18.00	17.00	17.00	16.63
18	222235016302	BENDJEHA	AHMED RIADH	Nv	Gr 6	15.50	15.00	14.50	0.00	11.25
19	222235008802	BENFARHI	ILYES	Nv	Gr 6	14.50	15.00	14.00	14.50	14.50
20	222235075709	BENFATAH	MOUSTAFA	Nv	Gr 6	15.00	15.00	15.00	13.00	14.50
21	222235137901	BENFLIS	AHMED	Nv	Gr 6	16.00	15.00	14.50	14.00	14.88
22	212135005445	BENFLIS	ABDERRACHID ISKANDAR	Rep	Gr 6	0.00	0.00	0.00	0.00	0.00
23	222235016703	BENGHEZAL	WAIL	Nv	Gr 6	15.50	14.50	14.50	14.00	14.63
24	222235028612	BENGUELLAH	MOHAMED WALAA EDDIN	Nv	Gr 6	16.00	13.50	14.50	14.00	14.50
25	222235116703	BENGUESMIA	ABOUBAKR	Nv	Gr 6	0.00	0.00	0.00	0.00	0.00
26	212235208416	BENGUESMIA	DOUAA	Nv	Gr 6	15.50	15.00	15.00	15.00	15.13
27	222235125603	BENHADDUCHE	IKRAM	Nv	Gr 6	16.00	15.00	15.00	15.00	15.25
28	222235038310	BENHALIS	MONCEF	Nv	Gr 6	0.00	14.50	14.00	14.50	10.75
29	222235084607	BENHAMZA	MOHAMMED ALI	Nv	Gr 6	16.00	14.00	14.00	15.00	14.75
30	222235045804	BENHARZALLAH	ZAKARIA	Nv	Gr 6	14.50	15.00	14.00	14.00	14.38
31	222235097119	BENHASSIR	ZINE EL ABIDINE	Nv	Gr 6	15.00	15.00	14.50	14.00	14.63
32	222235123012	BENHIZIA	ISLEM	Nv	Gr 6	14.50	14.00	14.00	14.00	14.13
33	222235123401	BENHIZIA	MERWA	Nv	Gr 6	15.50	15.00	15.00	15.00	15.13
34	222235092408	BENKEMCHI	TAHA DJAD	Nv	Gr 6	15.50	0.00	13.50	14.50	10.88
35	222235129405	BENKHELLAF	YOUSRA	Nv	Gr 6	14.00	14.00	15.00	14.00	14.25

N°	Mat. Etudiant	Nom	Prénom	Pos	Groupes	Note TP1	Note TP2	Note TP2	Note TP2	Moy. TP/20
1	222235036104	BENKHERFIA	IDRIS	Nv	Gr 7	0.00	16.00	15.75	0.00	7.94
2	222235085002	BENKHERROUR	AYMEN	Nv	Gr 7	0.00	16.00	15.75	0.00	7.94
3	222235032316	BENKRAMA	ROSTOM	Nv	Gr 7	0.00	16.00	0.00	0.00	4.00
4	161635002012	BENLALA	ISLAM	Reint	Gr 7	16.50	15.00	0.00	0.00	7.88
5	222235009305	BENLAMARI	AYMEN	Nv	Gr 7	0.00	15.75	15.75	0.00	7.88
6	212135004469	BENLAMOUDI	RODINA	Rep	Gr 7	16.75	0.00	15.00	0.00	7.94
7	222235080610	BENMACHICHE	AYMEN	Nv	Gr 7	0.00	16.00	15.50	0.00	7.88
8	222235060205	BENMANSOUR	ABDERRAHIM	Nv	Gr 7	0.00	0.00	0.00	0.00	0.00
9	222235121115	BENMANSOUR	KENZA	Nv	Gr 7	0.00	16.00	15.75	0.00	7.94
10	212235184113	BENMEBAREK	SOHAIB	Nv	Gr 7	0.00	16.00	15.75	0.00	7.94
11	212135006584	BENMEHDI	MANEL	Rep	Gr 7	0.00	0.00	16.00	0.00	4.00
12	212135016396	BENMERZOUG	LOKMANE	Rep	Gr 7	0.00	0.00	0.00	0.00	0.00
13	222235081606	BENMEZIANE	MAROUA	Nv	Gr 7	0.00	16.00	15.75	0.00	7.94
14	222235123404	BENMEZMAZA	MOUATEZ	Nv	Gr 7	15.00	16.00	15.75	0.00	11.69
15	222235031717	BENNACER	MOUADH	Nv	Gr 7	0.00	0.00	0.00	0.00	0.00
16	212235184004	BENNACEUR	BOUCHRA	Nv	Gr 7	0.00	15.25	15.50	0.00	7.69
17	222235038302	BENNADJAI	MANEL	Nv	Gr 7	0.00	16.00	0.00	0.00	4.00
18	222235129317	BENNARA	MEHYEDDINE	Nv	Gr 7	0.00	15.50	15.75	0.00	7.81
19	222235039304	BENNECER	SOUNDOUS	Nv	Gr 7	0.00	14.50	16.00	0.00	7.63
20	222235032407	BENNOUI	AICHA	Nv	Gr 7	0.00	16.00	0.00	0.00	4.00
21	222235027605	BENNOUI	FOUAD	Nv	Gr 7	0.00	15.50	0.00	0.00	3.88
22	212135008135	BENNOUI	MOHAMMED ABDECHAKO	Rep	Gr 7	0.00	0.00	0.00	0.00	0.00
23	222235060907	BENNOUR	NOUR ELHOUDA	Nv	Gr 7	0.00	16.00	15.00	16.00	11.75
24	222235032006	BENOUMESSAD	AHLEM	Nv	Gr 7	0.00	15.75	16.00	16.00	11.94
25	222235036716	BENOUMESSAD	RADHOUANE	Nv	Gr 7	0.00	15.50	16.00	15.25	11.69
26	222235091102	BENOUMSAAD	AHMED YACINE	Nv	Gr 7	0.00	0.00	0.00	0.00	0.00
27	222235194402	BENRAHLA	ISSKANDAR	Nv	Gr 7	0.00	15.50	15.50	16.00	11.75
28	181835016964	BENRAHLA	IDRIS	Reint	Gr 7	13.75	16.00	15.75	15.00	15.13
29	222235025915	BENREGUIA	RAYENE	Nv	Gr 7	0.00	16.00	16.00	0.00	8.00
30	222235132810	BENSAAD	ABD ESSAMED	Nv	Gr 7	0.00	15.50	0.00	15.00	7.63
31	222235078102	BENSADDEK	Abderraouf	Nv	Gr 7	0.00	16.00	16.00	16.00	12.00
32	222235088703	BENSALAH	ELKHALIFA MOHAMED	Nv	Gr 7	0.00	16.00	15.75	16.00	11.94
33	222235017420	BENSALEM	MOHAMED	Nv	Gr 7	0.00	15.75	16.00	16.00	11.94
34	212135017735	BENSALEM	OUMAIMA	Rep	Gr 7	16.00	16.00	15.00	15.25	15.56
35	222235060810	BENSBAA	KHADIDJA	Nv	Gr 7	0.00	15.50	15.25	0.00	7.69
36	222235091906	BENSEDIRA	NIDHAL	Nv	Gr 7	0.00	16.00	16.00	15.25	11.81
37	222235060405	BENSEGHIR	ABDELLAH	Nv	Gr 7	0.00	0.00	0.00	0.00	0.00
38	222234048515	BENSEGHIR	HADJER	Nv	Gr 7	0.00	15.50	16.00	15.75	11.81
39	222235089207	BENSEKHRIA	MOHAMED	Nv	Gr 7	0.00	16.00	15.75	15.25	11.75

N°	Mat. Etudiant	Nom	Prénom	Pos	Groupes	Note TP1	Note TP2	Note TP2	Note TP2	Moy. TP/20
1	222236015114	BENMAINE	IBTISSEM	Nv	Gr 8	16.00	0.00	15.75	0.00	7.94
2	212135004184	BENTAYEB	ILYES REDHA	Rep	Gr 8	0.00	0.00	0.00	0.00	0.00
3	212135001333	BENTOUMIA	AKRAM BAHA EDDINE	Rep	Gr 8	0.00	0.00	0.00	0.00	0.00
4	181835002523	BENTRAD	DHIA EDDINE	IA	Gr 8	0.00	0.00	16.00	0.00	4.00
5	222235136903	BENYAHIA	MASSINISSA	Nv	Gr 8	16.00	0.00	16.00	0.00	8.00
6	212235209517	BENZAOUI	Yasser	Nv	Gr 8	0.00	0.00	16.00	0.00	4.00
7	202035009042	BENZAOUI	MOHAMMED DAIELHAK	IA	Gr 8	0.00	0.00	0.00	0.00	0.00
8	222235085908	BENZINEB	DALAL	Nv	Gr 8	16.00	0.00	16.00	0.00	8.00
9	222235031801	BERBACHE	NOUREDDINE	Nv	Gr 8	15.00	0.00	15.75	0.00	7.69
10	222235059604	BERECHE	KOCI	Nv	Gr 8	16.00	0.00	15.50	0.00	7.88
11	222235016014	BERGHOUT	MOHAMED ROSTOM	Nv	Gr 8	16.00	0.00	15.50	0.00	7.88
12	222235044912	BERIMA	Tayeb	Nv	Gr 8	16.00	0.00	0.00	0.00	4.00
13	222235098019	BEROUAL	ABDELGHANI	Nv	Gr 8	16.00	0.00	15.50	0.00	7.88
14	222235129406	BEROUDJ	YOUNES	Nv	Gr 8	16.00	0.00	15.75	0.00	7.94
15	222235046812	BERRANI	LOUAY	Nv	Gr 8	0.00	0.00	0.00	0.00	0.00
16	202035014851	BERRANI	ROMISSA	IA	Gr 8	0.00	0.00	0.00	0.00	0.00
17	222235047909	BERRICHE	WISSAL	Nv	Gr 8	16.00	0.00	15.50	0.00	7.88
18	222235039602	BESSA	AMMAR	Nv	Gr 8	16.00	0.00	15.50	0.00	7.88
19	222235078702	BETAHAR	AMINA	Nv	Gr 8	16.00	0.00	16.00	0.00	8.00
20	Inscrip. Prov.	BETTAH	MOHAMMED LAVDHAL	ETR/NV	Gr 8	0.00	0.00	0.00	0.00	0.00
21	222235105409	BEY	ASSILA	Nv	Gr 8	16.00	0.00	15.75	0.00	7.94
22	222235075911	BEZIAN	IMAD	Nv	Gr 8	16.00	0.00	15.25	0.00	7.81
23	222235085910	BEZZAZ	SEYF EDDINE	Nv	Gr 8	0.00	15.50	16.00	0.00	7.88
24	222235094919	BEZZOUH	ABDENNOR	Nv	Gr 8	0.00	15.50	15.50	0.00	7.75
25	222235066809	BICHA	LAMIS	Nv	Gr 8	0.00	16.00	0.00	0.00	4.00
26	222235036320	BITAM	BESMALA	Nv	Gr 8	0.00	16.00	15.50	0.00	7.88
27	222235009620	BITAM	HOUSSEM	Nv	Gr 8	16.00	16.00	15.50	0.00	11.88
28	212135002950	BITAM	HAMZA	Rep	Gr 8	0.00	0.00	0.00	0.00	0.00
29	222235023612	BOUABDALLAH	AHMED YASSER	Nv	Gr 8	16.00	15.00	15.25	0.00	11.56
30	222235028004	BOUABDALLAH	LAKHDAR	Nv	Gr 8	16.00	16.00	15.50	0.00	11.88
31	222235087706	BOUAFIA	CHAMSEDDINE	Nv	Gr 8	16.00	16.00	15.00	0.00	11.75
32	222235087817	BOUAFIA	MOHAMED AMINE	Nv	Gr 8	0.00	0.00	0.00	0.00	0.00
33	222235074305	BOUAJJOUI	HADIL	Nv	Gr 8	16.00	15.50	16.00	0.00	11.88
34	222235085003	BOUAKKAZ	SOUFYANE	Nv	Gr 8	16.00	0.00	16.00	0.00	8.00
35	222235092905	BOUALI	RAWNAK	Nv	Gr 8	15.50	15.25	16.00	0.00	11.69
36	212235174915	BOUARAOUR	LEILA	Nv	Gr 8	16.00	0.00	15.25	0.00	7.81
37	222235066907	BOUARBI	MOHAMMED	Nv	Gr 8	16.00	16.00	16.00	0.00	12.00
38	222235170020	BOUAROUR	SARA	Nv	Gr 8	15.25	16.00	15.00	0.00	11.56

N°	Mat. Etudiant	Nom	Prénom	Pos	Groupes	Note TP1	Note TP2	Note TP2	Note TP2	Moy. TP/20
1	222235039611	BOUARRARA	HANI	Nv	Gr 9	13.25	14.50	14.50	11.50	13.44
2	222235038016	BOUAZIZ	MOHAMMED LAMINE	Nv	Gr 9	16.00	14.00	15.00	12.50	14.38
3	212135010816	BOUAZIZ	WASSIM	Rep	Gr 9	0.00	0.00	0.00	0.00	0.00
4	222235078210	BOUAZZA	MAYAR	Nv	Gr 9	16.00	14.00	14.75	0.00	11.19
5	222235068207	BOUBCHICHE	DOUAA	Nv	Gr 9	16.00	14.00	14.00	0.00	11.00
6	222235109103	BOUBECHENA	IDRIS	Nv	Gr 9	13.75	0.00	0.00	12.00	6.44
7	222235078910	BOUBIDI	NOUR ELISLEM	Nv	Gr 9	15.25	13.25	14.00	13.50	14.00
8	222235095614	BOUBRIMA	MOHAMED ISLEM	Nv	Gr 9	15.00	0.00	0.00	14.00	7.25
9	222235106505	BOUCETTA	AIMEN	Nv	Gr 9	0.00	0.00	0.00	0.00	0.00
10	222235025312	BOUCHAIB	HOUSSEM EDDINE	Nv	Gr 9	13.25	15.50	13.50	13.50	13.94
11	222235016620	BOUCHAL	HIND	Nv	Gr 9	14.50	13.00	14.00	0.00	10.38
12	222235125616	BOUCHAMA	LOTFI	Nv	Gr 9	14.00	13.50	12.00	10.00	12.38
13	212135005000	BOUCHARBAT	MOHAMED WASSIM	Deb	Gr 9	13.25	15.00	14.00	14.00	14.06
14	222235011517	BOUCHBAK	DHIA EDDINE	Nv	Gr 9	14.50	0.00	12.00	13.00	9.88
15	222235098010	BOUCHREB	INES	Nv	Gr 9	16.00	15.25	14.00	0.00	11.31
16	222235075313	BOUDA	MOHAMED WALEY EDDIN	Nv	Gr 9	15.50	17.00	14.25	16.00	15.69
17	222235102109	BOUDAUD	NESRIN	Nv	Gr 9	14.50	15.00	13.00	15.50	14.50
18	222235027203	BOUDARN	ABDERRAOUF	Nv	Gr 9	15.50	13.50	14.00	16.00	14.75
19	222235056503	BOUDEHANE	HADIL	Nv	Gr 9	15.50	16.00	14.00	15.50	15.25
20	222235121118	BOUDEHANE	MESTAPHA	Nv	Gr 9	15.50	14.00	13.00	16.00	14.63
21	202035012252	BOUDEN	FAISSAL	IA	Gr 9	0.00	0.00	0.00	0.00	0.00
22	222235031116	BOUDER	ABDESSAMIE	Nv	Gr 9	15.50	14.00	13.50	16.00	14.75
23	222235091116	BOUDFAR	AMINE MOUATEZ	Nv	Gr 9	0.00	14.00	14.00	16.00	11.00
24	222235039308	BOUDJELAL	LOUAI	Nv	Gr 9	0.00	0.00	0.00	0.00	0.00
25	222235032015	BOUDOUH	HAMZA	Nv	Gr 9	0.00	0.00	13.50	16.00	7.38
26	202035014700	BOUDRAA	OUSSAMA	IA	Gr 9	0.00	12.25	0.00	14.50	6.69
27	222235103707	BOUDRAS	FATIMA ZOHRA	Nv	Gr 9	15.50	16.50	0.00	0.00	8.00
28	222235073005	BOUFEDDA	AMIRA	Nv	Gr 9	15.50	13.50	11.50	16.00	14.13
29	222235137115	BOUFEDDA	MAHDI	Nv	Gr 9	0.00	16.00	12.00	16.00	11.00
30	222235055113	BOUFNIK	ABDELMOUNAIM	Nv	Gr 9	14.50	15.00	12.00	16.00	14.38
31	222235055801	BOUFNIK	AHMED TALEB	Nv	Gr 9	15.00	15.00	14.00	15.00	14.75
32	222235092620	BOUGHRIS	ABDELMOUMENE	Nv	Gr 9	13.00	16.00	13.00	15.50	14.38
33	222235031718	BOUGLADA	MOUAIZ	Nv	Gr 9	0.00	14.00	0.00	16.00	7.50
34	222235011512	BOUGOFFA	DHIRAR BAHA EDDINE	Nv	Gr 9	0.00	13.50	13.50	13.00	10.00

N°	Mat. Etudiant	Nom	Prénom	Pos	Groupes	Note TP1	Note TP2	Note TP2	Note TP2	Moy. TP/20
1	222235038211	BOUGUALAA	MOUINE DHIA EDDINE	Nv	Gr 10	14.25	14.50	14.00	0.00	10.69
2	222235182417	BOUGUERRA	ABDERRAHMANE	Nv	Gr 10	16.50	14.50	16.50	15.50	15.75
3	222235074018	BOUHADID	MOHAMMED AMIN	Nv	Gr 10	14.25	12.75	13.00	13.50	13.38
4	222235085205	BOUHAFNA	DALAL	Nv	Gr 10	10.50	11.25	13.00	12.00	11.69
5	212135013836	BOUHALI	LAKHDAR ISLEM	Rep	Gr 10	14.00	7.50	0.00	0.00	5.38
6	222235091109	BOUHALLAS	ACHRAF	Nv	Gr 10	14.25	13.50	12.50	14.00	13.56
7	222235119311	BOUHANIK	KAWTHER	Nv	Gr 10	14.50	15.75	15.00	14.50	14.94
8	222235024020	BOUHESSAYA	OMAYMA	Nv	Gr 10	15.00	14.75	15.50	15.00	15.06
9	222235032109	BOUHIDEL	MOHAMED ISLEM	Nv	Gr 10	16.00	17.00	16.00	17.00	16.50
10	222235085202	BOUHIHI	AKRAM WASSIM	Nv	Gr 10	0.00	10.25	10.75	14.50	8.88
11	212235183413	BOUHRİK	NADJIB	Nv	Gr 10	14.00	10.25	14.00	14.00	13.06
12	222235098008	BOUHSSIRA	IKRAM	Nv	Gr 10	15.00	14.50	13.50	15.50	14.63
13	222235073419	BOUKABA	RAMZI	Nv	Gr 10	15.00	16.25	14.50	15.00	15.19
14	222235073219	BOUKABBAL	BOUCHRA	Nv	Gr 10	15.75	13.00	13.25	15.00	14.25
15	222235117106	BOUKELKOUL	RAOUJA	Nv	Gr 10	16.00	16.00	15.50	16.00	15.88
16	222235037003	BOUKHALFA	Slimane Abdelali	Nv	Gr 10	15.00	12.25	11.50	13.50	13.06
17	222235116701	BOUKHALFA	AYA	Nv	Gr 10	16.00	10.50	13.00	16.00	13.88
18	212135006242	BOUKHALFA	HAMZA AYOUB	Rep	Gr 10	16.50	14.00	13.00	13.00	14.13
19	222235032415	BOUKHANOUFA	FOUAD	Nv	Gr 10	16.75	16.50	16.25	16.00	16.38
20	222235031706	BOUKHEDENNA	MOHAMED ZAIM	Nv	Gr 10	0.00	0.00	0.00	0.00	0.00
21	222235016003	BOUKHENOUNE	ABD ELBAKI	Nv	Gr 10	16.75	13.50	14.00	14.50	14.69
22	222235039509	BOUKHENTACHE	TADJ EDDIN	Nv	Gr 10	15.00	15.75	15.75	16.00	15.63
23	222235094917	BOULEMZAIR	ABDELHAKIM	Nv	Gr 10	16.75	15.75	15.75	16.00	16.06
24	202035010119	BOULOUNIS	HAMZA	IA	Gr 10	0.00	0.00	0.00	0.00	0.00
25	202035014841	BOUMARAF	OUSSAMA	IA	Gr 10	0.00	14.00	12.50	11.75	9.56
26	222235137301	BOUMAZA	HAROUNE	Nv	Gr 10	14.75	15.00	15.00	15.25	15.00
27	222235073106	BOUMOKRANE	AYMEN BAHА EDDINE	Nv	Gr 10	14.75	15.50	15.50	15.25	15.25
28	222235054511	BOUNAB	CHAFIK	Nv	Gr 10	13.00	0.00	0.00	0.00	3.25
29	222235031201	BOUNHAS	ALA EDDINE	Nv	Gr 10	14.00	14.50	15.50	14.50	14.63
30	202035010133	BOUNOUARA	WAIL	IA	Gr 10	0.00	0.00	0.00	0.00	0.00
31	222234386112	BOURARI	AMINE	Nv	Gr 10	0.00	0.00	0.00	0.00	0.00
32	222235049509	BOURAS	AHLAM	Nv	Gr 10	14.50	13.75	16.00	15.25	14.88
33	222235031113	BOUREK	ABDERRAOUF	Nv	Gr 10	0.00	13.75	14.00	14.50	10.56
34	202035001995	BOURKI	ABDE RRAOUF	IA	Gr 10	0.00	0.00	0.00	0.00	0.00
35	222235125208	BOUROUBA	NOURELISSLAM	Nv	Gr 10	0.00	0.00	0.00	0.00	0.00
36	222235073306	BOUSSAD	HOUSSEM	Nv	Gr 10	16.00	16.25	15.50	16.00	15.94
37	212135006114	GOUREF	ACILA EL BATOUL	TR	Gr 10	0.00	14.25	15.00	14.50	10.94

N°	Mat. Etudiant	Nom	Prénom	Pos	Groupes	Note TP1	Note TP2	Note TP2	Note TP2	Moy. TP/20
1	222235032307	BOUSSAHA	OUMAIMA	Nv	Gr 11	15.50	15.50	14.00	0.00	11.25
2	222235067205	BOUSSAID	NADAA	Nv	Gr 11	14.00	15.50	13.50	0.00	10.75
3	222235129717	BOUSSELAH	NADA	Nv	Gr 11	15.00	15.00	15.50	0.00	11.38
4	222235166806	BOUSSOUF	BESMA	Nv	Gr 11	13.00	14.50	14.00	0.00	10.38
5	222235032403	BOUSSOUSSOU	CHARAF EDDINE	Nv	Gr 11	13.00	13.00	0.00	0.00	6.50
6	222235085401	BOUTA	AYMEN	Nv	Gr 11	15.00	14.50	15.50	0.00	11.25
7	222235138002	BOUTAANI	ALAEDDINE	Nv	Gr 11	13.00	13.50	13.00	0.00	9.88
8	222235125118	BOUTARENE	AZIZA	Nv	Gr 11	13.00	13.00	14.00	0.00	10.00
9	222235032405	BOUTEGHMAS	Safoua	Nv	Gr 11	14.50	14.00	15.00	0.00	10.88
10	222235016419	BOUTEMEDJET	SOHEYB	Nv	Gr 11	14.00	13.00	15.00	0.00	10.50
11	181835002622	BOUTEMEDJET	AOUBID	IA	Gr 11	15.75	0.00	14.50	0.00	7.56
12	222235030901	BOUTRA	MERIEM	Nv	Gr 11	15.00	13.00	14.00	0.00	10.50
13	222235040105	BOUTRAA	RIHAM	Nv	Gr 11	13.00	13.50	14.50	0.00	10.25
14	212135005481	BOUYEKHEF	ASMA	Déb/Nv	Gr 11	0.00	0.00	0.00	0.00	0.00
15	222235036314	BOUZAHER	BADREDDINE	Nv	Gr 11	15.00	14.50	15.50	0.00	11.25
16	212235175809	BOUZEGHAIA	MOHAMED TAKI EDDINE	Nv	Gr 11	16.00	15.50	15.50	0.00	11.75
17	222235008117	BOUZENAG	AMANI	Nv	Gr 11	14.00	13.50	0.00	0.00	6.88
18	222235068708	BOUZIANE	AICHA	Nv	Gr 11	14.75	15.25	13.25	13.50	14.19
19	222235066501	BOUZIANE	DHIA EDDINE	Nv	Gr 11	15.50	15.00	12.75	0.00	10.81
20	22074064165	BOUZIANE	NOUSSAIBA	REINT	Gr 11	16.00	0.00	0.00	0.00	4.00
21	222235068208	BOUZID	RYHAM	Nv	Gr 11	14.75	15.50	14.25	14.75	14.81
22	222235011608	BOUZID	TAHA YASSINE	Nv	Gr 11	15.00	16.00	16.00	14.00	15.25
23	222235135801	BOUZIDI	AMINA	Nv	Gr 11	0.00	12.75	0.00	0.00	3.19
24	222235078008	BRAHIM BOUNAB	CHAHD GHADIR	Nv	Gr 11	15.75	15.50	14.50	14.00	14.94
25	222235088719	BRAHIMI	NOURELHOUDA	Nv	Gr 11	16.00	13.25	13.00	14.75	14.25
26	222235087313	BRAHIMI	OUSSAMA	Nv	Gr 11	15.25	14.00	14.50	14.00	14.44
27	222235106815	BRAHMI	MOUHMMED KHALID	Nv	Gr 11	14.50	15.25	14.01	13.50	14.31
28	222235053307	BRAKA	CHAHINEZ	Nv	Gr 11	15.50	15.25	15.00	14.75	15.13
29	222235013418	BRIK	MOUSTAPHA	Nv	Gr 11	0.00	15.00	0.00	14.00	7.25
30	222235111109	CHAABANE	HADIL	Nv	Gr 11	15.00	15.25	14.00	14.50	14.69
31	222235014112	CHABANE	NOUR EL YAKINE	Nv	Gr 11	15.75	15.25	15.75	14.00	15.19
32	222235032509	CHABANE	WASSIM	Nv	Gr 11	15.50	15.25	0.00	0.00	7.69

N°	Mat. Etudiant	Nom	Prénom	Pos	Groupes	Note TP1	Note TP2	Note TP2	Note TP2	Moy. TP/20
1	222235027318	CHABOU	ABD EL KADER	Nv	Gr 12	15.50	13.50	0.00	15.50	11.13
2	222235061317	CHAFAA	MALAK	Nv	Gr 12	15.00	16.00	13.50	16.00	15.13
3	212235205402	CHAGHI	ASMA	Nv	Gr 12	0.00	13.50	11.00	0.00	6.13
4	222235025314	CHAGHI	HASNA	Nv	Gr 12	15.50	14.00	16.00	16.00	15.38
5	222235007709	CHAIB	AYA	Nv	Gr 12	15.50	16.00	16.00	16.00	15.88
6	222235066102	CHAOUCHE	MEHDI	Nv	Gr 12	0.00	0.00	0.00	0.00	0.00
7	222235113220	CHAOUI	HAJER	Nv	Gr 12	0.00	16.00	0.00	14.00	7.50
8	222235047601	CHARIF	NOUR ELHOUDA	Nv	Gr 12	16.00	16.00	14.00	15.50	15.38
9	222235075711	CHEBBARA	MEHDI	Nv	Gr 12	15.00	15.00	14.50	15.00	14.88
10	212135011293	CHEBBI	AHMED AMINE	Déb/Nv	Gr 12	13.50	15.00	13.00	15.50	14.25
11	222235065903	CHEBILA	DOUAA	Nv	Gr 12	15.50	16.00	13.00	16.00	15.13
12	222235047712	CHEBILI	HADIL	Nv	Gr 12	15.00	15.50	14.00	15.50	15.00
13	212235206918	CHEHILI	FATIMA ZOHRA	Nv	Gr 12	14.00	14.00	13.00	14.50	13.88
14	222235024620	CHEKHRIT	OUSSAMA	Nv	Gr 12	14.00	15.00	13.00	15.50	14.38
15	222235038107	CHELAGHMA	MAROUA	Nv	Gr 12	15.50	15.50	14.00	14.00	14.75
16	222235113715	CHELIHI	FOUZI	Nv	Gr 12	15.00	13.50	14.00	15.00	14.38
17	222235037307	CHELIHI	SALAH EDDINE	Nv	Gr 12	0.00	0.00	0.00	0.00	0.00
18	222235049505	CHELLALI	ANIS	Nv	Gr 12	17.00	12.00	14.00	14.75	14.44
19	222235061320	CHELOUI	WISSAL	Nv	Gr 12	16.50	15.50	16.50	15.00	15.88
20	222235038309	CHENAG	MONCIF BEHE EDDIN	Nv	Gr 12	13.50	15.00	14.25	14.25	14.25
21	222235014518	CHENKHOULFI	WAIL	Nv	Gr 12	10.50	10.00	14.00	12.50	11.75
22	222235121606	CHENNA	AMIRA	Nv	Gr 12	16.25	14.25	15.50	15.50	15.38
23	222235120714	CHENNA	MOHAMED	Nv	Gr 12	18.50	15.50	15.25	16.50	16.44
24	222235056502	CHENNA	NESSRINE	Nv	Gr 12	18.00	14.50	14.00	16.00	15.63
25	222235120616	CHENNA	RABIE	Nv	Gr 12	14.25	14.00	15.25	16.50	15.00
26	222235053314	CHENNA	SOUHAYB	Nv	Gr 12	16.00	15.25	15.75	15.50	15.63
27	212135004236	CHENNA	AKRAM MOHAMED AMINE	TR	Gr 12	15.50	10.00	14.25	0.00	9.94
28	222235027209	CHERGUI	ABDERAOUF	Nv	Gr 12	0.00	8.50	13.00	14.00	8.88
29	222235095606	CHERGUI	ANISS	Nv	Gr 12	0.00	0.00	0.00	0.00	0.00
30	222235066707	CHERGUI	IMAD EDDINE	Nv	Gr 12	0.00	0.00	0.00	0.00	0.00
31	222235095620	CHERGUI	YASSER	Nv	Gr 12	14.75	14.50	15.25	12.00	14.13
32	212135001766	CHERGUI	ROSTOM	Rep	Gr 12	0.00	0.00	0.00	0.00	0.00
33	222235123901	CHERRAF	ASSIA	Nv	Gr 12	16.50	0.00	16.50	17.00	12.50
34	222235030219	CHETTOUH	YOUCEF	Nv	Gr 12	10.00	11.25	10.25	12.75	11.06

N°	Mat. Etudiant	Nom	Prénom	Pos	Groupes	Note TP1	Note TP2	Note TP2	Note TP2	Moy. TP/20
1	222235123910	CHEURFI	LOUBNA	Nv	Gr 13	18.00	16.00	18.00	18.00	17.50
2	222235066611	CHIBANI	ABDELMOUNAIM	Nv	Gr 13	0.00	0.00	0.00	0.00	0.00
3	222235040106	CHINAR	CHAFIA	Nv	Gr 13	13.00	15.00	15.00	0.00	10.75
4	222235137005	CHOUCHANE	MOHAMED WASSIM	Nv	Gr 13	14.00	15.00	15.00	16.50	15.13
5	222235013504	CHOUDDER	MOUAD ABDERRAHMANE	Nv	Gr 13	0.00	17.00	15.50	14.00	11.63
6	222235037517	CHOUKAL	ALAEDDINE	Nv	Gr 13	15.00	15.00	15.50	14.00	14.88
7	222235024818	CHOUKAL	OUMAIMA	Nv	Gr 13	17.50	13.00	16.00	14.50	15.25
8	222235028317	DAAS	MOHAMED EL AMINE	Nv	Gr 13	13.50	15.00	15.50	14.00	14.50
9	222235091106	DADI	ISLEM SID AHMED	Nv	Gr 13	14.50	0.00	15.00	0.00	7.38
10	222235077912	DAHAH	RAZIKA	Nv	Gr 13	14.00	14.50	18.00	14.00	15.13
11	222235028305	DAHMANE	MOHAMED ASSIL	Nv	Gr 13	15.50	14.00	14.50	15.00	14.75
12	222235032313	DAHMANI	ILYES ABD ALMOUIZ	Nv	Gr 13	18.00	15.00	10.00	12.00	13.75
13	222235068901	DAHRA	Aya	Nv	Gr 13	18.00	17.00	17.50	14.00	16.63
14	222235036410	DEBBACHE	DJAMAL EDDINE	Nv	Gr 13	18.00	17.00	16.50	0.00	12.88
15	222235137409	DEBBAR	YAHIA	Nv	Gr 13	0.00	0.00	0.00	0.00	0.00
16	222235009605	DEFFOUS	DJABER	Nv	Gr 13	14.00	14.50	14.50	0.00	10.75
17	212135019264	DEKOUMI	YASMINE	Rep	Gr 13	16.00	15.00	16.00	17.00	16.00
18	222235085604	DELDA	ANIS	Nv	Gr 13	0.00	14.50	15.50	0.00	7.50
19	222235039502	DELENDIA	AYA	Nv	Gr 13	16.00	15.00	14.50	13.50	14.75
20	222235103415	DELHOUM	ABDERRAHIM	Nv	Gr 13	16.00	14.50	14.50	16.00	15.25
21	222235027217	DERDOUS	ABDERRAHMANE	Nv	Gr 13	16.00	14.50	15.00	14.50	15.00
22	222235011812	DERGHAL	ABDERRAHMANE	Nv	Gr 13	0.00	0.00	0.00	0.00	0.00
23	222235065518	DERRADJI	ASSIL	Nv	Gr 13	16.00	15.00	15.00	14.50	15.13
24	222235046403	DIAFI	SOIHIB	Nv	Gr 13	15.00	14.50	14.00	16.00	14.88
25	222235081608	DIB	MANEL	Nv	Gr 13	14.50	16.00	15.00	15.00	15.13
26	222235092617	DIB	SARRA	Nv	Gr 13	15.50	15.00	15.00	13.50	14.75
27	222235028302	DIBI	MOHAMED	Nv	Gr 13	0.00	15.00	15.00	14.50	11.13
28	212135004448	DIBI	RAMY WALID	Nv	Gr 13	16.00	15.00	14.50	15.00	15.13
29	212135040107	DIF	AKRAM SIF ELISLAM	TR	Gr 13	14.50	15.00	0.00	14.50	11.00

N°	Mat. Etudiant	Nom	Prénom	Pos	Groupes	Note TP1	Note TP2	Note TP2	Note TP2	Moy. TP/20
1	222235028307	DIFALLAH	MOHAMED AMINE	Nv	Gr 14	17.50	14.50	0.00	0.00	8.00
2	222235038316	DJABALLAH	MOUHADEB EDDINE YOU	Nv	Gr 14	15.00	0.00	0.00	0.00	3.75
3	222235138413	DJABALLAH	YAHIA	Nv	Gr 14	13.00	16.00	0.00	0.00	7.25
4	202035017787	DJABALLAH	LAKHDAR KHALIL	IA	Gr 14	0.00	0.00	0.00	0.00	0.00
5	222235048817	DJAFFEL	FATMA ZAHRA	Nv	Gr 14	16.50	16.50	0.00	0.00	8.25
6	222235013105	DJAFER	MOHAMED ABDEL DJALIL	Nv	Gr 14	17.50	14.00	0.00	0.00	7.88
7	222235031615	DJALOULL	AISSA	Nv	Gr 14	15.00	13.00	0.00	0.00	7.00
8	222235036020	DJEBABLIA	AYOUB	Nv	Gr 14	0.00	0.00	0.00	0.00	0.00
9	222235038001	DJEBABLIA	MOHAMED EL'AMINE	Nv	Gr 14	15.50	13.00	0.00	0.00	7.13
10	222235039310	DJEBABLIA	MOHAMMED NACER EDDI	Nv	Gr 14	17.00	0.00	0.00	0.00	4.25
11	222235116713	DJEBABRA	MAROUA	Nv	Gr 14	0.00	0.00	0.00	0.00	0.00
12	222235138412	DJEBAR	HANI	Nv	Gr 14	15.00	14.00	0.00	0.00	7.25
13	222235038706	DJEBAR	WIAM	Nv	Gr 14	15.00	16.00	0.00	0.00	7.75
14	222235103406	DJEBARI	CHAIMA	Nv	Gr 14	13.50	16.00	0.00	0.00	7.38
15	222235091306	DJELLA	DOUNIA	Nv	Gr 14	17.00	16.00	0.00	0.00	8.25
16	222235013308	DJELLOUL	MERIEM	Nv	Gr 14	15.00	17.00	0.00	0.00	8.00
17	222235136311	DJELLOUL	SOUNDOUS	Nv	Gr 14	16.00	15.00	15.00	0.00	11.50
18	212135001626	DJENANE	TAKI EDDINE	Rep	Gr 14	0.00	0.00	0.00	0.00	0.00
19	222235096918	DJERADI	ACIL	Nv	Gr 14	16.00	13.50	14.00	0.00	10.88
20	222235009613	DJERROUDIB	DJAOUAD	Nv	Gr 14	14.00	15.00	14.00	0.00	10.75
21	222235053509	DJOUALLAH	LOUAI ABDELHAI	Nv	Gr 14	0.00	15.00	14.00	0.00	7.25
22	202035001903	DJOUZA	CHHR EDDINE	IA	Gr 14	16.00	15.00	0.00	0.00	7.75
23	222235068201	DOUAK	AYA	Nv	Gr 14	16.00	16.00	15.00	15.00	15.50
24	222235066917	DRARDJA	MOHYEDDINE	Nv	Gr 14	0.00	0.00	0.00	0.00	0.00
25	222235039811	DRID	ABDERRAZAK	Nv	Gr 14	16.00	14.50	0.00	0.00	7.63
26	222235097510	DRIDI	WAIL	Nv	Gr 14	0.00	14.00	0.00	0.00	3.50
27	212135009236	FADEL	MOHAMMED	Rep	Gr 14	0.00	0.00	0.00	0.00	0.00
28	222235031101	FATAH	AYMEN	Nv	Gr 14	14.00	15.00	15.00	0.00	11.00
29	222235012813	FEDALA	MOHAMED	Nv	Gr 14	15.00	15.00	0.00	0.00	7.50
30	222235016312	FEDALI	AYOUB	Nv	Gr 14	15.50	14.50	14.50	0.00	11.13
31	222235085209	FEKKOUS	MESSAOUDA	Nv	Gr 14	15.00	16.00	15.00	13.50	14.88
32	212235193917	FELLAHI	ABOUDAUD	Nv	Gr 14	16.00	0.00	13.50	0.00	7.38
33	222235037910	FERCHA	MOHAMMED	Nv	Gr 14	16.00	15.00	14.50	0.00	11.38
34	222235101305	FERCHATE	CHAIMA	Nv	Gr 14	16.00	15.00	15.00	14.50	15.13

N°	Mat. Etudiant	Nom	Prénom	Pos	Groupes	Note TP1	Note TP2	Note TP2	Note TP2	Moy. TP/20
1	222235136610	FERRAH	ABDESSALAM	Nv	Gr 15	15.00	0.00	0.00	15.75	7.69
2	222235032310	FERRAH	AYMEN	Nv	Gr 15	15.75	0.00	0.00	15.75	7.88
3	222235015506	FERRAH	BRAHIM	Nv	Gr 15	0.00	0.00	0.00	0.00	0.00
4	222235039609	FETHALLAH	MAHDI	Nv	Gr 15	16.00	0.00	0.00	16.00	8.00
5	222235132002	FILLALI	NOUR ELHOUDA	Nv	Gr 15	15.50	0.00	0.00	16.00	7.88
6	222235095404	FORTAS	ARIDJ	Nv	Gr 15	15.50	0.00	0.00	16.00	7.88
7	222235066508	FOUHAL	ABDELHAQ	Nv	Gr 15	16.00	0.00	0.00	16.00	8.00
8	222235065118	FOUHAL	AHMED	Nv	Gr 15	15.00	0.00	0.00	15.75	7.69
9	212235177907	FOURAR	NASREDDINE	Nv	Gr 15	16.00	0.00	0.00	16.00	8.00
10	222235100602	GAGUI	ABDELKARIM	Nv	Gr 15	15.00	0.00	0.00	16.00	7.75
11	222235065803	GANNA	HASSEN	Nv	Gr 15	15.50	0.00	0.00	0.00	3.88
12	222235114002	GARAH	SALIM	Nv	Gr 15	15.00	0.00	0.00	16.00	7.75
13	222235137916	GASMI	CHEMSSA	Nv	Gr 15	15.00	0.00	0.00	16.00	7.75
14	222235046010	GHARBI	SAMAH	Nv	Gr 15	16.00	0.00	0.00	16.00	8.00
15	212135017603	GHECHAM	MOHAMMED ADEM	Déb/Nv	Gr 15	0.00	0.00	0.00	0.00	0.00
16	222235085702	GHEDJOUTI	NOUREDDINE	Nv	Gr 15	16.00	0.00	16.00	16.00	12.00
17	222235031407	GHENAI	OUSSAMA	Nv	Gr 15	15.25	16.00	16.00	16.00	15.81
18	222235028002	GHENAM	Louai chems eddine	Nv	Gr 15	15.50	16.00	0.00	15.75	11.81
19	222235077811	GHEROUR	BRAHIM	Nv	Gr 15	15.50	15.75	16.00	15.25	15.63
20	222235032305	GHODBANE	AKRAM	Nv	Gr 15	15.00	16.00	16.00	15.75	15.69
21	222235012108	GHODBANE	ALA EDDINE	Nv	Gr 15	16.00	15.75	0.00	16.00	11.94
22	222235094513	GHODBANE	AMIR	Nv	Gr 15	0.00	0.00	0.00	0.00	0.00
23	222235030019	GHODBANE	YASSER	Nv	Gr 15	15.00	16.00	16.00	15.75	15.69
24	212135014167	GHODBANE	KARIM	Rep	Gr 15	0.00	0.00	0.00	0.00	0.00
25	222235035705	GHOUBAT	AHMED AMINE	Nv	Gr 15	15.50	16.00	16.00	15.75	15.81
26	222235031712	GHOUBI	MOHAMED WASSIM	Nv	Gr 15	0.00	0.00	0.00	0.00	0.00
27	222235073218	GOUCHEN	BESMALA	Nv	Gr 15	15.50	16.00	16.00	15.75	15.81
28	222235109110	GOUDJA	MOUAD ABDELKADOUS	Nv	Gr 15	0.00	0.00	0.00	0.00	0.00
29	222235075907	GOUDJILE	SALAH EDDINE	Nv	Gr 15	15.00	16.00	16.00	15.50	15.63
30	222235028116	GRABSI	MARIA	Nv	Gr 15	15.00	16.00	16.00	16.00	15.75
31	222235073504	GRINE	RAOUNEK	Nv	Gr 15	15.00	16.00	16.00	15.25	15.56
32	222235073815	GUELFEN	ABDENNOUR	Nv	Gr 15	15.00	16.00	0.00	0.00	7.75
33	222235066313	GUELLIL	CHIFAA	Nv	Gr 15	15.00	16.00	16.00	15.75	15.69
34	222235059605	GUENDOZ	KARIMA	Nv	Gr 15	15.50	16.00	16.00	15.75	15.81
35	222235092703	GUERRI	IMED EDDINE	Nv	Gr 15	13.05	16.00	0.00	16.00	11.26

N°	Mat. Etudiant	Nom	Prénom	Pos	Groupes	Note TP1	Note TP2	Note TP2	Note TP2	Moy. TP/20
1	222235012802	AMAMRA	MAYA FATMA ZOHRA	Nv	Gr 16	0.00	15.00	0.00	0.00	3.75
2	222235017407	GUESMIA	ISHAK ISLAM	Nv	Gr 16	0.00	0.00	0.00	0.00	0.00
3	222235039515	GUETTAFI	SOUHIL FADI	Nv	Gr 16	0.00	15.50	0.00	0.00	3.88
4	222235067419	GUIDOME	WAIL	Nv	Gr 16	0.00	16.00	0.00	0.00	4.00
5	222235017411	GUIROUD	RAYENE	Nv	Gr 16	0.00	15.00	0.00	0.00	3.75
6	222235102107	HABBARA	AMMAR	Nv	Gr 16	0.00	15.50	0.00	0.00	3.88
7	222235087405	HABERRA	AYOUB	Nv	Gr 16	0.00	15.75	0.00	0.00	3.94
8	222235129720	HABERROU	WIAM	Nv	Gr 16	0.00	16.00	0.00	0.00	4.00
9	222235016403	HACHANI	KHIREDDINE	Nv	Gr 16	0.00	15.75	0.00	0.00	3.94
10	222235068702	HADDAD	OUMAYMA	Nv	Gr 16	0.00	15.75	0.00	0.00	3.94
11	212135014243	HADDADE	AMIR	Rep	Gr 16	0.00	0.00	0.00	0.00	0.00
12	222235031512	HADEF	ZAKARIA ABD ELDJALIL	Nv	Gr 16	0.00	15.50	0.00	0.00	3.88
13	222235056305	HADFANI	MADJDEDDINE	Nv	Gr 16	0.00	14.50	0.00	0.00	3.63
14	222234360608	HADJADJ	MAI RANA	NV	Gr 16	16.00	15.75	0.00	0.00	7.94
15	222235118817	HADJAZI	FADELALLAH	Nv	Gr 16	0.00	16.00	0.00	0.00	4.00
16	222235182906	HADJI	YOUCEF	Nv	Gr 16	0.00	15.00	0.00	0.00	3.75
17	222235053318	HAFID	ABDELBASSET	Nv	Gr 16	0.00	15.00	0.00	0.00	3.75
18	212135004774	HAFID	ABDELWADOUD	Rep	Gr 16	0.00	0.00	0.00	0.00	0.00
19	222235010807	HAFSAOUI	SOUFYANE	Nv	Gr 16	0.00	0.00	0.00	0.00	0.00
20	222235031117	HALHEIT	ABDELKRIM	Nv	Gr 16	0.00	15.25	15.50	0.00	7.69
21	222235016618	HALITIM	HADIL	Nv	Gr 16	15.00	15.50	15.50	0.00	11.50
22	222235067416	HAMADI	WIAM	Nv	Gr 16	15.75	15.00	15.50	0.00	11.56
23	222235067506	HAMADI	WISSAM	Nv	Gr 16	15.50	15.25	15.25	0.00	11.50
24	222235039807	HAMAZA	CHOROK	Nv	Gr 16	15.50	15.00	15.50	0.00	11.50
25	222235031514	HAMDI	SARA	Nv	Gr 16	16.00	15.00	15.75	0.00	11.69
26	222235138006	HAMICHE	MOHAMED ELMEHDI	Nv	Gr 16	15.00	15.25	16.00	0.00	11.56
27	222235025511	HAMIOUD	DOUA	Nv	Gr 16	15.75	15.00	15.75	0.00	11.63
28	222235024614	HAMIZI	AHMED YACINE	Nv	Gr 16	15.00	0.00	16.00	0.00	7.75
29	222235101301	HAMLAOUI	ASSIA	Nv	Gr 16	15.50	15.50	15.50	0.00	11.63
30	222235027609	HAMMADI	FADI AHMED	Nv	Gr 16	15.50	0.00	16.00	0.00	7.88
31	222235045319	HAMMADI	KHALED	Nv	Gr 16	0.00	0.00	0.00	0.00	0.00
32	222235065513	HANFER	ACHRAF	Nv	Gr 16	0.00	0.00	0.00	0.00	0.00
33	222235098009	HANFOUG	INESSE	Nv	Gr 16	16.00	15.50	15.75	0.00	11.81
34	222235015519	HANI	ROMAISSA	Nv	Gr 16	16.00	15.00	15.00	0.00	11.50

N°	Mat. Etudiant	Nom	Prénom	Pos	Groupes	Note TP1	Note TP2	Note TP2	Note TP2	Moy. TP/20
1	222235053206	HANNACHI	HIBAT ERRAHMANE	Nv	Gr 17	14.75	15.00	13.25	14.50	14.38
2	222235053201	HANNACHI	ZAKARIA	Nv	Gr 17	11.00	13.25	10.00	13.50	11.94
3	202035005170	HAOUES	ANIS	IA	Gr 17	0.00	0.00	0.00	0.00	0.00
4	222235129614	HARBOUCHE	RANIA	Nv	Gr 17	14.75	16.75	15.50	11.25	14.56
5	222235116306	HARCHACHE	CHAIMA	Nv	Gr 17	16.00	16.75	15.25	16.00	16.00
6	222235117111	HARCHACHE	NOURA	Nv	Gr 17	0.00	0.00	0.00	0.00	0.00
7	222235044908	HAREK	SACI	Nv	Gr 17	12.50	13.50	14.50	10.75	12.81
8	222235113711	HARKATI	RAZANE	Nv	Gr 17	17.25	16.00	17.00	16.50	16.69
9	222235091508	HAROUCHE	SOHEYB	Nv	Gr 17	0.00	0.00	10.00	13.00	5.75
10	222235073901	HASROURI	ISSAM	Nv	Gr 17	12.50	13.75	16.00	13.00	13.81
11	222235075310	HASSOUNA	ISSAM EDDINE	Nv	Gr 17	10.75	14.50	14.25	12.00	12.88
12	222235047011	HATEB	MOHAMED HOUSSEM	Nv	Gr 17	10.50	11.75	12.00	10.00	11.06
13	222235031605	HEDDAR	ABDELHAKIM	Nv	Gr 17	16.00	14.00	15.50	14.50	15.00
14	222235014903	HELLAL	YOUCEF	Nv	Gr 17	0.00	0.00	0.00	0.00	0.00
15	222235105513	HELLALI	TAHAR	Nv	Gr 17	10.75	13.75	11.00	12.50	12.00
16	222235061315	HEMAL	FIRASS TAQIEDDINE	Nv	Gr 17	0.00	16.00	13.00	14.50	10.88
17	222235061302	HEMMAL	ASMA	Nv	Gr 17	0.00	13.00	0.00	16.00	7.25
18	222235121808	HENICHE	HADJER	Nv	Gr 17	15.50	13.50	0.00	0.00	7.25
19	222235128902	HENINE	BILEL	Nv	Gr 17	15.50	15.50	15.50	16.00	15.63
20	222235076102	HERRI	HADIL	Nv	Gr 17	15.50	16.00	15.50	16.00	15.75
21	222235009020	HIDOUSI	IKRAM	Nv	Gr 17	15.00	13.50	12.50	16.00	14.25
22	222235095402	HIDOUSI	OUSSAMA	Nv	Gr 17	14.50	13.00	0.00	15.50	10.75
23	222235132801	HIRECHE	ASMAA	Nv	Gr 17	14.00	15.00	13.50	16.00	14.63
24	222235032501	HOUASSI	MERIEEM	Nv	Gr 17	16.00	13.00	13.00	16.00	14.50
25	222235078704	HUMEUR	KHALIL	Nv	Gr 17	15.00	16.00	14.50	16.00	15.38
26	222235039505	IBRIR	AMANI	Nv	Gr 17	0.00	0.00	0.00	0.00	0.00
27	222235091503	IBRIR	CHIHEB EDDINE	Nv	Gr 17	15.00	16.00	12.00	16.00	14.75
28	222235123011	IDIRI	AYYOUB	Nv	Gr 17	15.00	16.00	13.50	16.00	15.13
29	222235113012	KADDOURI	AYMEN	Nv	Gr 17	15.50	16.00	16.00	16.00	15.88
30	222235113114	KADDOURI	CHAHINAZ	Nv	Gr 17	0.00	15.50	12.50	15.50	10.88
31	222235009701	KADI	HOUSSEM	Nv	Gr 17	0.00	0.00	0.00	0.00	0.00

N°	Mat. Etudiant	Nom	Prénom	Pos	Groupes	Note TP1	Note TP2	Note TP2	Note TP2	Moy. TP/20
1	222235095410	KADRI	CHAHREDDINE	Nv	Gr 18	14.00	14.00	13.00	0.00	10.25
2	222235123101	KADRI	DJEMAA	Nv	Gr 18	13.50	16.00	15.50	16.00	15.25
3	212235179819	KADRI	YASMINE FARIZA	Nv	Gr 18	14.00	16.00	13.50	14.00	14.38
4	222235035601	KAIM	ADEM	Nv	Gr 18	15.50	14.00	0.00	0.00	7.38
5	192235164011	KAINNOU	AMIRA	Nv	Gr 18	14.50	14.00	13.50	15.50	14.38
6	222235123419	KALKIL	NOUREDDINE	Nv	Gr 18	14.00	14.00	15.50	16.00	14.88
7	222235039517	KANIT	CHAMSEDDINE	Nv	Gr 18	0.00	0.00	0.00	0.00	0.00
8	222235060903	KARA	GHANIA	Nv	Gr 18	14.00	0.00	0.00	0.00	3.50
9	222235088309	KARA	RADHOUANE	Nv	Gr 18	14.00	14.00	13.00	0.00	10.25
10	222235030813	KATI	MASSINISSA	Nv	Gr 18	14.00	14.00	14.00	15.00	14.25
11	222235054020	KEBAILI	MERIEM	Nv	Gr 18	13.50	16.00	15.50	16.00	15.25
12	212135002479	KEMAICHIA	MAISSA	Rep	Gr 18	16.00	0.00	0.00	13.50	7.38
13	222235092906	KENDRI	SAFAA	Nv	Gr 18	14.50	14.00	14.00	16.00	14.63
14	222235098018	KERACHE	ABDERRAHIM	Nv	Gr 18	0.00	0.00	0.00	0.00	0.00
15	222235031705	KERBOUB	MOHAMED ELAMINE	Nv	Gr 18	14.00	14.00	15.50	0.00	10.88
16	212135010589	KERBOUCHE	CHAYMAA	Déb/Nv	Gr 18	16.00	0.00	0.00	0.00	4.00
17	222235129604	KERMICHE	AMANI	Nv	Gr 18	15.00	14.00	15.50	16.00	15.13
18	222235170405	KERMICHE	SALSABIL	Nv	Gr 18	15.00	14.00	15.50	16.00	15.13
19	222235098013	KERRACHE	RAHIL	Nv	Gr 18	0.00	16.00	16.00	15.00	11.75
20	222235055112	KETAB	ABDELGHANI	Nv	Gr 18	14.50	16.00	14.00	0.00	11.13
21	222235100608	KHALDI	ALI	Nv	Gr 18	0.00	0.00	0.00	0.00	0.00
22	222235065516	KHAMARI	ASSALA	Nv	Gr 18	15.50	13.75	16.00	15.50	15.19
23	222235065416	KHAMARI	INES	Nv	Gr 18	16.25	14.50	0.00	0.00	7.69
24	222235065612	KHAMARI	OUMAIMA	Nv	Gr 18	0.00	0.00	0.00	15.50	3.88
25	222235132814	KHANCHALI	NOUR EL TOUQA	Nv	Gr 18	15.00	15.75	14.50	15.00	15.06
26	222235098102	KHANFOUCI	MALAK	Nv	Gr 18	0.00	0.00	0.00	0.00	0.00
27	222235038809	KHATER	YACINE	Nv	Gr 18	12.00	13.50	13.00	14.00	13.13
28	222235055119	KHEBRARA	AMMAR	Nv	Gr 18	11.50	13.50	12.75	12.00	12.44
29	182135029137	KHEDDA	KATER ELNADA	Déb/Nv	Gr 18	0.00	16.50	0.00	0.00	4.13
30	222235081112	KHEDRI	ISLAM	Nv	Gr 18	16.50	16.50	15.50	0.00	12.13
31	222235129305	KHELIF	CHEMS EDDINE	Nv	Gr 18	13.25	12.50	15.75	16.00	14.38
32	222235037210	KHELIFI	CHAIMA ASSALA	Nv	Gr 18	15.28	16.00	15.25	15.50	15.51
33	222235078904	KHELIFI	RAYANE	Nv	Gr 18	13.75	17.50	13.75	15.00	15.00
34	222235137903	KHELLAF	ASMA	Nv	Gr 18	13.75	16.50	14.00	14.50	14.69
35	212235175906	KHEMIDJ	Mohamed dhia eddine	Nv	Gr 18	18.00	0.00	15.50	16.50	12.50
36	222235046502	KHEMISSI	ABDEL DJABAR	Nv	Gr 18	13.25	13.50	13.00	11.50	12.81
37	222235098106	KHENFOUCI	YAMINA	Nv	Gr 18	14.25	15.00	15.75	16.00	15.25

N°	Mat. Etudiant	Nom	Prénom	Pos	Groupes	Note TP1	Note TP2	Note TP2	Note TP2	Moy. TP/20
1	222235039511	KHENICHE	HANINE	Nv	Gr 19	13.00	13.50	14.00	0.00	10.13
2	222235100116	KHERCHOUCHE	ANOUAR	Nv	Gr 19	14.50	15.50	15.50	0.00	11.38
3	222235102507	KHERCHOUCHE	YASSINE	Nv	Gr 19	0.00	0.00	14.50	0.00	3.63
4	222235016012	KHERIEF	LAMA AREEJ	Nv	Gr 19	16.00	15.50	15.00	0.00	11.63
5	212135001580	KHEZZAR	AYOUB	TR	Gr 19	16.00	12.00	15.50	0.00	10.88
6	222235067104	KHITER	MANAR	Nv	Gr 19	0.00	13.00	14.00	0.00	6.75
7	222235016613	KICHAH	MONCEF	Nv	Gr 19	15.50	13.00	15.00	0.00	10.88
8	222235010119	KIYYOUR	RAMEZ ATHIR	Nv	Gr 19	15.00	15.50	15.50	0.00	11.50
9	222235056106	KOLLI	YASSER	Nv	Gr 19	0.00	14.50	15.00	0.00	7.38
10	222235009814	KOUDA	KHOULOUDA	Nv	Gr 19	14.50	14.50	15.00	0.00	11.00
11	222235106808	KOURICHE	ABDELKADER	Nv	Gr 19	0.00	0.00	0.00	0.00	0.00
12	222235137702	KRABA	HADIL	Nv	Gr 19	13.00	13.50	15.00	0.00	10.38
13	222235073020	KRARCHA	AYA IBTIHEL	Nv	Gr 19	14.00	15.00	15.00	0.00	11.00
14	222235136504	KRID	SALAH EDDINE	Nv	Gr 19	14.00	15.00	15.50	0.00	11.13
15	222235121805	LAABACI	AICHA	Nv	Gr 19	13.00	15.00	14.50	0.00	10.63
16	222235078907	LAABED	CHAKIB	Nv	Gr 19	0.00	13.75	16.00	13.50	10.81
17	222235061402	LAABED	YOUCEF	Nv	Gr 19	14.75	15.25	16.00	14.00	15.00
18	222235053303	LAANANI	CHARAF EDDINE	Nv	Gr 19	15.50	13.00	16.00	13.50	14.50
19	212135010577	LABIDI	CHEMS EDDINE	TR	Gr 19	0.00	14.25	15.50	13.75	10.88
20	222235111111	LABOUBI	YOUSRA	Nv	Gr 19	15.25	13.00	0.00	16.00	11.06
21	212135015912	LAGGOUNE	HOUDEIFA ABDEL KEDOU	Rep	Gr 19	0.00	0.00	0.00	0.00	0.00
22	222235087510	LAGHOUIL	THABET	Nv	Gr 19	15.00	14.00	15.75	13.50	14.56
23	222235029503	LAGHOUILL	Nour el imene	Nv	Gr 19	0.00	13.75	15.00	13.50	10.56
24	222235027316	LAHBARI	ABDELALIM	Nv	Gr 19	15.50	15.50	15.75	13.50	15.06
25	222235137914	LAHBARI	SELSABIL	Nv	Gr 19	15.50	14.75	12.75	13.75	14.19
26	222235125601	LAHMAR	BRAHIM	Nv	Gr 19	15.25	15.00	16.00	13.75	15.00
27	222235127507	LAHOUEL	AKRAM	Nv	Gr 19	15.00	14.50	13.75	14.50	14.44
28	222235127513	LAHOUEL	IKRAM	Nv	Gr 19	15.75	15.75	13.25	14.25	14.75
29	222235074402	LAHOUEL	YOUSOUF ZINE LAABIDI	Nv	Gr 19	0.00	15.50	15.50	13.75	11.19
30	222235173115	LAHRECHE	Abdelatif	Nv	Gr 19	15.50	15.00	15.25	14.00	14.94
31	222235031520	LAIB	CHI HAB EDDINE	Nv	Gr 19	15.50	15.25	16.00	14.75	15.38
32	222235261607	LAKEHAL	ZAKARIA	Nv	Gr 19	15.00	15.75	15.00	14.00	14.94
33	222235089208	LAKHDAR	MORDJANE	Nv	Gr 19	15.50	14.75	0.00	13.50	10.94
34	222235078502	LAKHDARI	MOHAMED EL AMINE	Nv	Gr 19	15.25	14.25	15.00	14.50	14.75
35	222235065503	LALMI	AHMED	Nv	Gr 19	15.25	13.50	15.75	0.00	11.13

N°	Mat. Etudiant	Nom	Prénom	Pos	Groupes	Note TP1	Note TP2	Note TP2	Note TP2	Moy. TP/20
1	22228PSE11142	ALGOUL	WAJD	ETR/NV	Gr 20	15.50	14.00	15.50	0.00	11.25
2	222235014815	LALOU	YAKOUB	Nv	Gr 20	15.00	16.50	16.50	0.00	12.00
3	222235017117	LAOUICHI	MOHAMED HAITHEM	Nv	Gr 20	15.50	16.50	16.00	0.00	12.00
4	222235025016	LARINE	AYOUB	Nv	Gr 20	14.50	16.50	16.00	0.00	11.75
5	222235036010	LASFER	AYA	Nv	Gr 20	16.00	16.50	16.00	0.00	12.13
6	222235031120	LATRECHE	ABDELMOUNCEF MOUAD	Nv	Gr 20	15.00	16.00	17.00	0.00	12.00
7	222235135708	LATRECHE	AKRAM	Nv	Gr 20	15.00	17.00	0.00	0.00	8.00
8	222235010201	LAZIZI	RAMY	Nv	Gr 20	16.00	16.00	17.00	0.00	12.25
9	222235008718	LEBCEK	ILYES	Nv	Gr 20	16.00	14.00	16.50	0.00	11.63
10	222235125402	LEBDI	IKRAM	Nv	Gr 20	15.50	16.50	16.00	0.00	12.00
11	222235106103	LEBDI	MOHAMMED FAKHR EDDI	Nv	Gr 20	17.00	16.50	16.50	0.00	12.50
12	212135013264	LEBDI	MALEK	Déb/Nv	Gr 20	15.00	16.50	16.50	0.00	12.00
13	222235194604	LEBID	SAID	Nv	Gr 20	14.50	13.50	13.50	0.00	10.38
14	222235014720	LEBOUKH	YAHIA WAIL BAHHA EDDIN	Nv	Gr 20	17.00	15.00	16.00	0.00	12.00
15	222235039813	LEBRIKI	ABDE EL MOUMENE	Nv	Gr 20	15.00	0.00	16.00	0.00	7.75
16	222235091204	LEGHDIRI	AYMEN	Nv	Gr 20	0.00	0.00	16.50	0.00	4.13
17	222235015910	LEKHOUADA	ANES WALLAA EDDINE	Nv	Gr 20	16.00	13.00	14.75	0.00	10.94
18	212235178119	LOMBARKIA	NOUR EL ISLEM	Nv	Gr 20	14.75	16.00	15.50	0.00	11.56
19	222235039314	LOUCHENE	HAROUNE	Nv	Gr 20	0.00	14.00	8.00	0.00	5.50
20	222235016601	LOUCHENE	MOHAMED AMIR	Nv	Gr 20	0.00	13.00	0.00	0.00	3.25
21	222235036701	LOUCHENE	RAID IYAD	Nv	Gr 20	15.50	15.00	16.00	0.00	11.63
22	222235136516	LOUCHENE	TAHA ABD EL MOUIZ	Nv	Gr 20	14.75	15.00	13.75	0.00	10.88
23	222235016008	MAACHE	ABDENNOUR	Nv	Gr 20	15.00	15.50	13.75	0.00	11.06
24	222235032514	MAALEM	YOUCEF	Nv	Gr 20	14.75	13.00	13.50	0.00	10.31
25	222235011603	MAARKA	TAHA ISMAIL	Nv	Gr 20	13.75	15.00	0.00	0.00	7.19
26	222235069007	MAATALLAH	HAROUN	Nv	Gr 20	0.00	15.00	13.75	0.00	7.19
27	222235065714	MAAZIZ	BAHA EDDINE	Nv	Gr 20	14.00	14.00	0.00	0.00	7.00
28	Inscrip. Prov.	MUSABEH	FOUAD	ETR/Nv	Gr 20	0.00	0.00	0.00	0.00	0.00
29	22228MRT12205	NANI	ISHAGH	ETR/Nv	Gr 20	0.00	0.00	0.00	0.00	0.00
30	Inscrip. Prov.	SULOYMAN	ABDELHAFID	ETR/Nv	Gr 20	0.00	14.00	15.50	0.00	7.38
31	21218MRT10430	YAHIA	MHAMED	Déb/Etr	Gr 20	0.00	0.00	0.00	0.00	0.00

N°	Mat. Etudiant	Nom	Prénom	Pos	Groupes	Note TP1	Note TP2	Note TP2	Note TP2	Moy. TP/20
1	222235031503	MABROUK	DJIHANE	Nv	Gr 21	18.00	17.50	17.50	17.50	17.63
2	222235055118	MADOU	ALLAOUA	Nv	Gr 21	16.00	17.00	17.00	0.00	12.50
3	222235035809	MAHBOUBI	ASMA	Nv	Gr 21	16.00	17.00	16.50	0.00	12.38
4	222235029920	MAHIEDDIN	WASSIM SIFEDDIN	Nv	Gr 21	13.00	14.00	14.00	0.00	10.25
5	222235037411	MAHMAHI	ABDERRAHMANE	Nv	Gr 21	14.00	17.00	15.50	17.00	15.88
6	222235009314	MAHMOUDI	BASSEM	Nv	Gr 21	14.00	0.00	14.00	15.50	10.88
7	222235026307	MAHMOUDI	SOUFIANE	Nv	Gr 21	14.00	14.50	14.00	14.00	14.13
8	212135005405	MAHTALI	AHMED RAMI	Déb/Nv	Gr 21	16.00	17.00	14.50	15.00	15.63
9	222235045313	MAKHLOUF	HAMIDA	Nv	Gr 21	18.00	17.00	17.00	17.50	17.38
10	222235209216	MAKHLOUFI	CHAMESEDDINE	Nv	Gr 21	18.00	17.00	18.00	0.00	13.25
11	222235038603	MAKOUF	HAROUN	Nv	Gr 21	14.00	15.00	14.50	0.00	10.88
12	222235008801	MAKOUF	ILYES	Nv	Gr 21	14.00	14.00	15.00	14.50	14.38
13	212135006695	MAKOUF	YOUCEF	Rep	Gr 21	0.00	0.00	0.00	0.00	0.00
14	222235084612	MALLEM	MERYEM	Nv	Gr 21	16.00	18.00	16.50	16.50	16.75
15	222235028417	MALLEM	MOHAMED RIYADH	Nv	Gr 21	13.00	17.00	17.00	15.00	15.50
16	222235088502	MAMERI	ISLEM	Nv	Gr 21	14.00	15.00	13.50	15.00	14.38
17	222235137918	MAMMERI	CHAIMA	Nv	Gr 21	15.50	13.00	15.00	16.00	14.88
18	222235036404	MANA	BAHAEDDINE	Nv	Gr 21	16.00	13.00	14.00	16.00	14.75
19	222235053312	MANAA	CHAIMA	Nv	Gr 21	14.50	15.00	15.00	15.00	14.88
20	222235129713	MANCERI	MOHAMMED CHOUAIB	Nv	Gr 21	15.50	15.00	14.00	15.50	15.00
21	222235031614	MANSOURI	ALI	Nv	Gr 21	0.00	0.00	0.00	0.00	0.00
22	222235017413	MANSOURI	CHAHRAZED	Nv	Gr 21	16.00	14.00	15.00	14.00	14.75
23	212235167817	MANSOURI	KHOULOU	Nv	Gr 21	16.00	14.00	15.00	15.50	15.13
24	222235060818	MANSOURIA	ASSEM	Nv	Gr 21	15.50	14.00	13.50	15.00	14.50
25	222235069006	MANSOURIA	NOUR EL HOUDA	Nv	Gr 21	16.00	15.00	15.00	15.50	15.38
26	222235129402	MAOU	HEYTHEM	Nv	Gr 21	15.00	15.00	0.00	15.00	11.25
27	222235129718	MAOU	NOUR ELISLEM	Nv	Gr 21	16.00	15.00	15.00	15.50	15.38
28	202035014843	MAROUANI	IKRAM FATIMA	Déb/Rep	Gr 21	0.00	0.00	0.00	0.00	0.00
29	222235015919	MARREF	CHERIF	Nv	Gr 21	16.00	15.00	16.00	16.00	15.75
30	222235029213	MARREF	NADA	Nv	Gr 21	16.00	13.00	0.00	0.00	7.25

N°	Mat. Etudiant	Nom	Prénom	Pos	Groupes	Note TP1	Note TP2	Note TP2	Note TP2	Moy. TP/20
1	222235077917	MAZAYA	RONAIDA	Nv	Gr 22	15.50	15.50	0.00	0.00	7.75
2	222235087316	MAZOUZ	OUSSAMA	Nv	Gr 22	12.00	0.00	0.00	0.00	3.00
3	222235091105	MEBAREK	SKANDAR	Nv	Gr 22	14.75	13.75	0.00	0.00	7.13
4	222235031610	MEBARKI	ABDELMALEK	Nv	Gr 22	16.50	15.50	0.00	0.00	8.00
5	222235138205	MEBARKI	ABDERREZAK	Nv	Gr 22	0.00	0.00	0.00	0.00	0.00
6	222235121404	MEBARKI	SOUHAIB	Nv	Gr 22	16.50	13.75	0.00	0.00	7.56
7	222235049606	MEBARKI	SOUNDOUS	Nv	Gr 22	15.25	0.00	0.00	0.00	3.81
8	222235029918	MEBARKI	WASSIM	Nv	Gr 22	15.50	15.25	0.00	0.00	7.69
9	222235050107	MEBRAK	MEHAND	Nv	Gr 22	14.25	0.00	0.00	0.00	3.56
10	222235129617	MEBTAMERABET	ZINEDDINE	Nv	Gr 22	16.25	14.25	0.00	0.00	7.63
11	222235121804	MECHAALA	SEYFEDDINE	Nv	Gr 22	12.25	13.75	0.00	0.00	6.50
12	222235092619	MECHACHTI	SALAH EDDINE	Nv	Gr 22	15.50	15.75	0.00	0.00	7.81
13	222235074017	MECHOUMA	MOHAMMED AMIN	Nv	Gr 22	15.25	14.00	0.00	0.00	7.31
14	222235074117	MECHOUMA	MOUNDHER	Nv	Gr 22	14.00	13.25	0.00	0.00	6.81
15	222235101307	MEDDOUR	SALAH EDDIN	Nv	Gr 22	15.75	15.75	0.00	14.00	11.38
16	222235136207	MEDDOURI	SARA	Nv	Gr 22	15.75	15.25	0.00	0.00	7.75
17	222235075908	MEDJADBA	ABDERRAOUF	Nv	Gr 22	16.00	0.00	14.50	14.00	11.13
18	222235073212	MEDJADBA	ANIS	Nv	Gr 22	16.00	0.00	14.50	14.00	11.13
19	222235016614	MEDJOUJ	MEHDI	Nv	Gr 22	16.00	15.50	14.00	0.00	11.38
20	222235084118	MEDKOUR	ANIS	Nv	Gr 22	0.00	0.00	0.00	0.00	0.00
21	222235177620	MEDKOUR	NADHIR	Nv	Gr 22	0.00	0.00	0.00	0.00	0.00
22	222235129607	MEFTAH	AYOUB	Nv	Gr 22	16.00	15.00	14.00	0.00	11.25
23	222235114003	MEGAACHE	HADJER	Nv	Gr 22	16.00	14.50	14.50	0.00	11.25
24	222235121801	MEGAACHE	ISHAK	Nv	Gr 22	0.00	0.00	0.00	0.00	0.00
25	222235028816	MEGAACHE	MESSEAUD	Nv	Gr 22	14.50	15.00	14.50	0.00	11.00
26	222235121407	MEGAACHE	MOSTAFA	Nv	Gr 22	0.00	0.00	0.00	0.00	0.00
27	212135006795	MEGRI	MEROUANE	Rep	Gr 22	0.00	0.00	0.00	0.00	0.00
28	222235011705	MEGUELLATI	ABD EL HAKIM	Nv	Gr 22	16.00	15.00	12.50	0.00	10.88
29	222235026017	MEGUELLATI	ZAKARIA	Nv	Gr 22	16.00	14.00	14.00	0.00	11.00
30	222235024304	MEHAMLIA	AYOUB	Nv	Gr 22	0.00	15.00	14.00	0.00	7.25
31	222235084415	MEHDAOUI	CHAYMA	Nv	Gr 22	16.00	15.00	14.00	14.50	14.88
32	222235016605	MEHDAOUI	MOHAMED DHIAEDDINE	Nv	Gr 22	0.00	0.00	0.00	0.00	0.00
33	222235016102	MEHEMMAI	YASSER	Nv	Gr 22	0.00	0.00	0.00	0.00	0.00

N°	Mat. Etudiant	Nom	Prénom	Pos	Groupes	Note TP1	Note TP2	Note TP2	Note TP2	Moy. TP/20
1	212235173718	MEHENA	AMOR	Nv	Gr 23	15.75	0.00	15.75	0.00	7.88
2	222235028606	MEKENTICHI	MOHAMED NADJIB	Nv	Gr 23	16.00	15.75	16.00	16.00	15.94
3	222235066304	MEKERBECHE	SEYFEDDINE	Nv	Gr 23	16.00	15.00	15.75	16.00	15.69
4	212235173814	MEKHALLEDI	GHOFRANE	Nv	Gr 23	16.00	15.75	15.75	16.00	15.88
5	222235039105	MEKHERBECHE	IKRAM	Nv	Gr 23	15.50	15.75	16.00	16.00	15.81
6	222235031118	MELAKHESSOU	ABDELLATIF	Nv	Gr 23	15.25	15.00	15.75	0.00	11.50
7	222235024312	MELAKHESSOU	IBRAHIM	Nv	Gr 23	15.50	15.75	15.75	0.00	11.75
8	222235030216	MELAKHESSOU	YOUCEF AMINE	Nv	Gr 23	0.00	15.25	15.50	16.00	11.69
9	222235136714	MELILI	FERDOUS NOUR ELYKINE	Nv	Gr 23	16.00	15.50	15.50	16.00	15.75
10	222235078005	MENACER	SOUNDOUS	Nv	Gr 23	15.75	15.75	16.00	16.00	15.88
11	222235078911	MENACER	WALID	Nv	Gr 23	16.00	15.50	15.50	16.00	15.75
12	202035002366	MENERI	MEHDI	IA	Gr 23	0.00	0.00	0.00	0.00	0.00
13	222235066908	MENZER	MOUHAMED AMIN	Nv	Gr 23	16.00	15.50	15.75	16.00	15.81
14	222235066020	MENZER	RAYANE	Nv	Gr 23	16.00	15.50	16.00	16.00	15.88
15	222235017020	MERABET	ABDERRAHMANE	Nv	Gr 23	0.00	0.00	0.00	0.00	0.00
16	222235060820	MERABET	ABDERRAHMANE	Nv	Gr 23	16.00	14.00	14.75	14.75	14.88
17	222235164915	MERABTI	ISLAM EDDINE	Nv	Gr 23	0.00	0.00	0.00	0.00	0.00
18	202035005246	MERADI	MEHDI	IA	Gr 23	15.50	15.00	0.00	0.00	7.63
19	222235138408	MERAZGA	FEDOUA	Nv	Gr 23	16.00	15.25	15.00	15.00	15.31
20	222235075713	MERCHI	HAITHAM	Nv	Gr 23	16.00	15.00	15.50	15.25	15.44
21	222235068714	MERCHICHI	HIYAM	Nv	Gr 23	16.00	0.00	0.00	0.00	4.00
22	222235100601	MERDJANE	ABDELKADER	Nv	Gr 23	16.00	15.00	15.50	15.25	15.44
23	222235015612	MERGHAD	MALAK	Nv	Gr 23	16.00	15.00	15.50	0.00	11.63
24	222235066702	MERZOUG	ALA EDDINE	Nv	Gr 23	16.00	16.00	15.50	0.00	11.88
25	222235031609	MERZOUGUI	ABDELMOUMENE	Nv	Gr 23	16.00	15.75	15.50	0.00	11.81
26	212135009150	MERZOUGUI	ABDERRAHIM	Rep	Gr 23	0.00	0.00	15.75	0.00	3.94
27	202037043457	MERZOUGUI	AYMEN	TR	Gr 23	0.00	0.00	0.00	0.00	0.00
28	222235106514	MERZOUK	MOHAMMED	Nv	Gr 23	16.00	15.25	15.50	0.00	11.69
29	222235069406	MESSAADIA	AMANI	Nv	Gr 23	16.00	15.00	15.50	15.00	15.38
30	222235067417	MESSAOUDI	WIAM	Nv	Gr 23	16.00	15.00	15.50	15.00	15.38
31	222235194313	MEZELI	AYMEN	Nv	Gr 23	0.00	0.00	0.00	0.00	0.00
32	222235066511	MEZIANE	ABDEALHAMID	Nv	Gr 23	0.00	0.00	0.00	0.00	0.00
33	222235027508	MEZIANE	ALA ABDENNOUR	Nv	Gr 23	16.00	15.25	15.50	15.25	15.50

N°	Mat. Etudiant	Nom	Prénom	Pos	Groupes	Note TP1	Note TP2	Note TP2	Note TP2	Moy. TP/20
1	222235024501	MEZIANI	ILYES	Nv	Gr 24	0.00	0.00	0.00	0.00	0.00
2	222235123907	MEZIANI	SARRA	Nv	Gr 24	16.00	0.00	15.50	0.00	7.88
3	222235097515	MEZOUAD	YASSER	Nv	Gr 24	16.00	0.00	0.00	0.00	4.00
4	222235046713	MIDOUN	FARAH		Gr 24	16.00	0.00	15.75	0.00	7.94
5	212135008042	MIDOUNE	FELAH	Rep	Gr 24	0.00	0.00	0.00	0.00	0.00
6	222235084715	MIHNA	WISAL	Nv	Gr 24	16.00	0.00	0.00	0.00	4.00
7	222235037701	MIHOUBI	FIRDAOUS	Nv	Gr 24	16.00	0.00	15.50	0.00	7.88
8	222235085916	MIMOUNE	HADIL	Nv	Gr 24	16.00	0.00	15.50	0.00	7.88
9	212135004962	MIMOUNE	MOHAMED ELHACENE	Rep	Gr 24	0.00	0.00	0.00	0.00	0.00
10	222235077701	MIMOUNI	ASSIA	Nv	Gr 24	0.00	0.00	15.50	0.00	3.88
11	22228MRT	MOHAMED ISHAG	NANI	ETR/Nv	Gr 24	0.00	0.00	0.00	0.00	0.00
12	222235031202	MOHAMED I	FATMA ZOHRA	Nv	Gr 24	16.00	0.00	15.50	0.00	7.88
13	222235106818	MOHAMMEDI	NOUR EL HOUDA	Nv	Gr 24	16.00	0.00	15.50	0.00	7.88
14	222231006913	MOHOUBI	LINA	Nv	Gr 24	0.00	0.00	0.00	0.00	0.00
15	222235065206	MOKHTACHE	ACHRAF	Nv	Gr 24	16.00	0.00	0.00	0.00	4.00
16	222235032513	MOKHTARI	YOUCEF	Nv	Gr 24	0.00	0.00	15.50	0.00	3.88
17	222235087705	MOKRANI	CHOUAYB	Nv	Gr 24	0.00	0.00	15.50	0.00	3.88
18	212135018175	MOUDA	MAHDI	Rep	Gr 24	0.00	0.00	15.50	0.00	3.88
19	222235030808	MOUICI	ALAEDDINE	Nv	Gr 24	16.00	0.00	15.50	0.00	7.88
20	222235121604	MOUMEN	AYOUB	Nv	Gr 24	16.00	0.00	0.00	0.00	4.00
21	222235039303	MOURAD	BOURHANE EDDINE	Nv	Gr 24	16.00	16.00	16.00	0.00	12.00
22	222235008709	NAILI	ICHRAK	Nv	Gr 24	16.00	0.00	0.00	0.00	4.00
23	222235025917	NAILI	RAYENE	Nv	Gr 24	16.00	16.00	16.00	0.00	12.00
24	222235015703	NAILI	YOUNES	Nv	Gr 24	16.00	16.00	16.00	0.00	12.00
25	222235088702	NASRI	ACHRAF	Nv	Gr 24	16.00	16.00	16.00	0.00	12.00
26	21218MRT10431	NBAOUI CHARIF	AHMADOU	ETR/DEB	Gr 24	0.00	0.00	0.00	0.00	0.00
27	222235106509	NEBBATI	ZOULIKHA	Nv	Gr 24	15.25	16.00	16.00	0.00	11.81
28	212135005447	NECER	ABDELMOHI ELMOUHANE	REO	Gr 24	16.00	16.00	16.00	0.00	12.00
29	222235013611	NEDJAI	MANAR	Nv	Gr 24	16.00	15.75	16.00	0.00	11.94
30	222235068903	NEZAR KEBAILI	ACHOUAK	Nv	Gr 24	16.00	16.00	16.00	0.00	12.00
31	222235027511	NEZAR KEBAILI	IMED EDDINE	Nv	Gr 24	15.50	16.00	16.00	0.00	11.88
32	222235015615	NIA	MAYSSOUNE	Nv	Gr 24	16.00	0.00	0.00	0.00	4.00
33	222235047813	NOUAR	HAITHEM	Nv	Gr 24	16.00	16.00	16.00	0.00	12.00
34	212135006084	NOURANI	AHMED	Déb/Nv	Gr 24	0.00	0.00	0.00	0.00	0.00
35	21218PST10600	OTHMANE	ABDDALRAHIM	Déb/Etr	Gr 24	16.00	15.75	16.00	0.00	11.94
36	222235106009	OUACHEM	FADOUA	Nv	Gr 24	15.50	16.00	16.00	0.00	11.88
37	222235047016	OUANES	MOHAMMED DIAA EDDINE	Nv	Gr 24	16.00	0.00	16.00	0.00	8.00

N°	Mat. Etudiant	Nom	Prénom	Pos	Groupes	Note TP1	Note TP2	Note TP2	Note TP2	Moy. TP/20
1	222235031110	OUCHENE	DHIKRA NOUR ELYAKINE	Nv	Gr 25	15.50	15.00	15.50	15.50	15.38
2	222235074317	OUCHENE	YAZID	Nv	Gr 25	0.00	0.00	0.00	0.00	0.00
3	222234048311	OUCHENNE	CHIHAB EDDINE	Nv	Gr 25	13.00	12.75	0.00	0.00	6.44
4	222235136513	OUCIF	SOHAIB ABD MOIZ	Nv	Gr 25	0.00	0.00	0.00	0.00	0.00
5	222235075914	OUERGHI	NADHIR	Nv	Gr 25	16.25	13.00	15.75	14.75	14.94
6	222235085901	OUHABAB	AHMED	Nv	Gr 25	0.00	12.75	13.50	13.00	9.81
7	222235060908	OUNIS	WIAM	Nv	Gr 25	14.25	15.50	15.00	0.00	11.19
8	222235089211	OUNNAS	HIND	Nv	Gr 25	16.50	15.00	15.75	15.50	15.69
9	222235066413	RAGUEDI	SALAHEDDINE	Nv	Gr 25	0.00	0.00	0.00	0.00	0.00
10	222235049609	RAHAL	CHAHRAZAD	Nv	Gr 25	16.50	14.00	15.00	13.50	14.75
11	222235036001	RAHMANI	AMINE	Nv	Gr 25	14.00	0.00	0.00	14.75	7.19
12	222235039815	RAHMANI	FERYAL	Nv	Gr 25	16.00	15.50	16.50	14.50	15.63
13	212135029196	RAHMANI	HOUSSEM	REO	Gr 25	16.00	0.00	15.50	13.50	11.25
14	202035012367	RAHMINE	HAITHEM ABD ESSALEM	IA	Gr 25	0.00	0.00	0.00	0.00	0.00
15	222235039818	RAMDANI	MOHAMMED LOUAI	Nv	Gr 25	16.50	13.75	0.00	0.00	7.56
16	222235008813	RAZI	IMENE	Nv	Gr 25	15.00	13.50	0.00	0.00	7.13
17	222235053217	REBACHE	SENOUCI	Nv	Gr 25	16.50	14.00	13.25	14.00	14.44
18	222235092017	REDDAS	YOUNES	Nv	Gr 25	0.00	14.25	16.75	14.50	11.38
19	222235014813	REFIS	Yaakoub	Nv	Gr 25	16.25	13.50	16.25	15.00	15.25
20	222235135411	REZIK	AHMED	Nv	Gr 25	0.00	15.00	16.00	15.00	11.50
21	222235016512	RIGHI	GHOUFRANE FATIMA ZOH	Nv	Gr 25	14.50	15.00	15.50	15.00	15.00
22	222235136016	ROUABAH	RANIA	Nv	Gr 25	13.00	14.00	13.50	13.00	13.38
23	222235027415	ROUAG	ABDELMOUGHITH	Nv	Gr 25	14.00	14.00	16.00	0.00	11.00
24	222235055107	ROUIBI	DHIAEDDINE	Nv	Gr 25	0.00	0.00	0.00	0.00	0.00
25	222235100114	SAADA	AMINE	Nv	Gr 25	15.00	13.00	12.50	15.00	13.88
26	222235055807	SAADI	IBRAHIM	Nv	Gr 25	14.50	14.50	16.00	15.00	15.00
27	222235073810	SAADNA	ABDERRAHIM	Nv	Gr 25	0.00	14.50	12.50	14.00	10.25
28	212235179813	SAADNA	YASMINE	Nv	Gr 25	14.50	15.50	14.50	16.00	15.13
29	202035013442	SAADOU	HAFSA	IA	Gr 25	0.00	0.00	0.00	0.00	0.00
30	222235129313	SAADOUNI	ABDELMOUNAIM	Nv	Gr 25	14.50	15.50	15.50	15.50	15.25
31	212135008155	SAADOUNI	MERIEB BATOUL	Déb/Nv	Gr 25	14.00	15.00	16.00	15.00	15.00
32	212135001282	SAAOUDI	AHMED ISLEM	Rep	Gr 25	15.50	0.00	0.00	0.00	3.88
33	212135005302	SABBA	ISHAK	Rep	Gr 25	0.00	0.00	0.00	0.00	0.00
34	222235092409	SABEGH	ABDERRHMANE	Nv	Gr 25	13.00	15.50	15.50	0.00	11.00
35	222235009004	SABRI	ADEM	Nv	Gr 25	14.50	13.50	15.00	15.00	14.50
36	222235023405	SADELAOUD	ADEM ABDERRAHIM	Nv	Gr 25	12.50	0.00	15.50	0.00	7.00
37	222235060203	SAHNOUNE	SOFIANE	Nv	Gr 25	14.00	14.00	16.00	15.00	14.75

N°	Mat. Etudiant	Nom	Prénom	Pos	Groupes	Note TP1	Note TP2	Note TP2	Note TP2	Moy. TP/20
1	222235049211	SAHOUANE	ABDELATIF	Nv	Gr 26	0.00	13.00	14.00	0.00	6.75
2	222235025308	SAHRAOUI	HABIB WAHAB	Nv	Gr 26	0.00	0.00	14.00	0.00	3.50
3	222235053010	SAHRAOUI	HALIMA	Nv	Gr 26	13.00	15.00	14.00	0.00	10.50
4	222235055820	SAHRAOUI	SALSSABIL	Nv	Gr 26	15.00	16.50	15.50	0.00	11.75
5	222235055205	SAI	MOUSSA	Nv	Gr 26	13.50	16.00	14.00	0.00	10.88
6	222235010806	SAIDANI	Sofiane	Nv	Gr 26	13.00	16.00	14.00	0.00	10.75
7	222235065103	SAIDI	ASSIA	Nv	Gr 26	15.00	16.00	14.00	0.00	11.25
8	222235008703	SAIDI	ISLEM	Nv	Gr 26	14.00	16.00	14.50	0.00	11.13
9	222235030815	SAIDI	MOHAMED AMINE	Nv	Gr 26	17.00	16.00	14.00	0.00	11.75
10	222235067218	SAIDI	NOUH	Nv	Gr 26	0.00	0.00	0.00	0.00	0.00
11	212235179506	SAIDI	WISSAM	Nv	Gr 26	15.00	16.00	14.50	0.00	11.38
12	212135019271	SAIDOUNE	DHIKRA	TR	Gr 26	15.50	16.00	16.00	0.00	11.88
13	222235038617	SAIFI	HICHAM	Nv	Gr 26	15.00	12.00	14.00	0.00	10.25
14	222235012717	SAIHI	MARIA	Nv	Gr 26	15.75	14.00	16.00	0.00	11.44
15	222235073209	SAKER	ACHRAF IMED EDDINE	Nv	Gr 26	15.50	15.25	16.00	12.75	14.88
16	222235080615	SALHI	SAID ABDELMOUMEN	Nv	Gr 26	14.75	13.75	15.75	12.50	14.19
17	222235008812	SAMMAR	IMENE	Nv	Gr 26	16.00	15.50	13.50	12.50	14.38
18	222235084716	SAOULI	WALA ALLAH	Nv	Gr 26	0.00	14.75	15.75	12.75	10.81
19	212235181516	SAYAGH	MOHAMMED-AMIN	Nv	Gr 26	16.00	14.25	15.25	13.00	14.63
20	222235032020	SEDARI	ABDELKHALIL	Nv	Gr 26	15.75	15.50	16.00	13.00	15.06
21	222235053412	SEGHIER	ALI	Nv	Gr 26	16.00	15.25	15.75	14.75	15.44
22	222235087406	SEKHRI	AYOUB ABDELBASSET	Nv	Gr 26	0.00	0.00	0.00	0.00	0.00
23	222235113709	SENGOUGA	DEHAK	Nv	Gr 26	16.00	14.75	15.75	12.75	14.81
24	222235136305	SENINA	SAMIRA	Nv	Gr 26	15.50	15.50	16.00	0.00	11.75
25	212135016666	SERAI	IMENE	Rep	Gr 26	0.00	0.00	0.00	0.00	0.00
26	222235023713	SERRAR	OUSSAMA DJOUAD EDDIN	Nv	Gr 26	15.50	13.00	13.50	13.00	13.75
27	212135005346	SERRAR	MOHAMED ABDERRAHMA	Rep	Gr 26	15.50	14.75	16.00	13.50	14.94
28	222235106506	SIABDALLAH	BASMA	Nv	Gr 26	14.75	15.25	15.50	12.75	14.56

N°	Mat. Etudiant	Nom	Prénom	Pos	Groupes	Note TP1	Note TP2	Note TP2	Note TP2	Moy. TP/20
1	222235032320	SID	SELSABIL	Nv	Gr 27	16.00	14.50	16.50	0.00	11.75
2	222235181914	SIFI	ASMA	Nv	Gr 27	14.00	15.00	15.50	0.00	11.13
3	222235016013	SLAMA	MOHAMED EL HOCEINE E	Nv	Gr 27	0.00	0.00	0.00	0.00	0.00
4	222235185211	SLIM	NOUR EL HOUDA	Nv	Gr 27	15.00	15.50	16.50	0.00	11.75
5	222235010907	SLIMANI	SELMA	Nv	Gr 27	16.00	16.00	16.50	0.00	12.13
6	222235123511	SMALI	WASSIM	Nv	Gr 27	14.00	14.50	16.50	0.00	11.25
7	222235026105	SMALI	ZIAD	Nv	Gr 27	13.00	16.00	15.00	0.00	11.00
8	212135015909	SOLTANE	IHAB	TR	Gr 27	15.50	13.00	16.50	0.00	11.25
9	222235016401	SOLTANI	HOUSSEM EDDINE	Nv	Gr 27	16.00	15.50	15.50	0.00	11.75
10	222235121806	SOLTANI	MOHAMMED	Nv	Gr 27	0.00	13.50	15.50	0.00	7.25
11	212135002824	SOLTANI	ACHRAF	Rep	Gr 27	0.00	0.00	0.00	0.00	0.00
12	212135009061	SOLTANI	MOHAMMED ELAMINE	Rep	Gr 27	14.50	0.00	0.00	0.00	3.63
13	222235054520	SOUAKRI	MOUAATAZ BILLAH	Nv	Gr 27	14.50	15.00	16.00	0.00	11.38
14	212235207012	SOUALHIA	LOUTFI	Nv	Gr 27	15.00	16.00	16.00	0.00	11.75
15	212135009704	SOUALHIA	GHADA	Déb/Nv	Gr 27	0.00	0.00	0.00	0.00	0.00
16	222235028316	SOUALMIA	MOHAMED ACHRAF	Nv	Gr 27	16.00	16.00	17.00	0.00	12.25
17	222235055804	SOUHER	AKRAM	Nv	Gr 27	0.00	16.00	17.00	0.00	8.25
18	212135015818	SOUHI	ABDERRAHIM	Rep	Gr 27	0.00	0.00	0.00	0.00	0.00
19	222235088705	SRAIRI	DJAMEL EDDINE	Nv	Gr 27	13.00	13.00	17.00	0.00	10.75
20	222235012507	TAFERGUENNIT	LOUAI	Nv	Gr 27	15.00	14.50	14.00	0.00	10.88
21	222235138411	TAFROUNT	NEDJM EDDINE	Nv	Gr 27	14.00	16.00	14.75	0.00	11.19
22	222235025207	TAKI EDDINE	DIBI	Nv	Gr 27	14.50	15.75	15.00	0.00	11.31
23	222235103710	TALEB	MAROUA	Nv	Gr 27	13.75	16.00	15.25	0.00	11.25
24	222235078101	TALEB AHMED	ABDERRAOUF	Nv	Gr 27	14.25	15.50	14.50	0.00	11.06
25	222235105802	TALHI	SAIDA	Nv	Gr 27	14.75	14.00	15.25	0.00	11.00
26	222235010215	TAMERHOULET	RAHMA	Nv	Gr 27	14.75	15.50	15.25	0.00	11.38
27	222235025317	TAMINE	HASSINE ELHAMAM	Nv	Gr 27	14.50	15.00	13.00	0.00	10.63
28	222235014106	TAOURIRIT	NOUR ELHOUDA	Nv	Gr 27	14.75	13.50	14.75	0.00	10.75
29	222235095416	TARFAYA	WAIL ABDELMADJID	Nv	Gr 27	0.00	0.00	0.00	0.00	0.00
30	222235106806	TAYEB BEY	BASSIM	Nv	Gr 27	14.50	16.00	14.75	0.00	11.31
31	212135006774	TIFFRINT	ASMA	Rep	Gr 27	0.00	0.00	0.00	0.00	0.00
32	222235128506	TIMIZAR	AFRA	Nv	Gr 27	15.00	16.00	15.00	0.00	11.50
33	222235015918	TISOUJIYIN	SOUNDOUS ABIR	Nv	Gr 27	14.75	0.00	0.00	0.00	3.69
34	222235032510	TOLGUI	WASSIM	Nv	Gr 27	14.75	15.50	13.25	0.00	10.88
35	222235123009	TOUATI	AMIRA	Nv	Gr 27	13.50	15.00	13.50	0.00	10.50
36	222235037417	TOUATIT	ABDERRAHIM	Nv	Gr 27	13.50	16.00	14.50	0.00	11.00

N°	Mat. Etudiant	Nom	Prénom	Pos	Groupes	Note TP1	Note TP2	Note TP2	Note TP2	Moy. TP/20
1	222235184306	MAGHRAOUI	Mohamed laarbi	Nv	Gr 28	13.00	13.00	0.00	15.50	10.38
2	222235031119	MAMMERI	ABDALLAH	Nv	Gr 28	0.00	13.50	12.00	13.50	9.75
3	222235032508	MAKOUF	WAHID	Nv	Gr 28	16.00	13.00	13.00	15.50	14.38
4	222235049208	TOUMI	ABDERRAHIM	Nv	Gr 28	14.00	15.00	0.00	13.00	10.50
5	222235136211	TOUMI	SANDRA	Nv	Gr 28	15.00	16.00	16.00	14.50	15.38
6	222235089204	TOURECHE	SOUNDOUS	Nv	Gr 28	16.00	14.00	15.00	14.50	14.88
7	222235088704	YAHIA	AYOUB	Nv	Gr 28	14.00	15.00	16.00	14.50	14.88
8	222235017503	YAHIA	HOUDA	Nv	Gr 28	15.00	16.00	15.00	14.50	15.13
9	222235106803	YAHIA CHERIF	AMIRA	Nv	Gr 28	13.00	16.00	15.00	14.50	14.63
10	222235105919	YAHIA CHERIF	IMAD	Nv	Gr 28	14.00	13.00	12.00	14.50	13.38
11	222235106807	YAHIA CHERIF	SADJIDA	Nv	Gr 28	16.00	16.00	15.50	16.00	15.88
12	222235031509	YAHIAOUI	RANIM ATTALLAH	Nv	Gr 28	15.50	15.00	14.00	16.00	15.13
13	222235075306	YAHIAOUI	SARRA	Nv	Gr 28	15.00	16.00	14.00	16.00	15.25
14	222235014812	YAHIAOUI	YAKOUB	Nv	Gr 28	14.50	14.00	14.00	14.50	14.25
15	222235039301	YAHYAOU	ASMA	Nv	Gr 28	14.50	14.00	15.00	14.50	14.50
16	222235067313	YAKHLEF	HAROUN	Nv	Gr 28	13.50	14.00	14.00	14.50	14.00
17	222235123906	YAKOUBI	DHIKRA	Nv	Gr 28	15.50	14.00	15.00	16.00	15.13
18	222235101709	YAMAMI	MOUNIR	Nv	Gr 28	12.50	13.00	12.00	14.00	12.88
19	212135002474	YEZZA	MEHDI AYMEN	Rep	Gr 28	0.00	0.00	0.00	0.00	0.00
20	222235036018	YEZZAOUI	AYOUB	Nv	Gr 28	0.00	0.00	0.00	0.00	0.00
21	222235016707	YOUB	YAKOUB	Nv	Gr 28	0.00	0.00	0.00	0.00	0.00
22	222235066919	YOUCEF BRAHIM	Moheyeddine	Nv	Gr 28	12.75	12.75	13.50	11.00	12.50
23	222235066616	YOUCEF BRAHIM	ABDELWADOUD	Nv	Gr 28	14.25	13.75	0.00	14.00	10.50
24	222235085204	YOUSFI	DJOUMANA	Nv	Gr 28	14.75	16.25	15.75	16.25	15.75
25	222235048516	ZAGHOUD	SID AHMED SIF EDDINE	Nv	Gr 28	17.00	15.75	15.50	15.75	16.00
26	222235075909	ZAHOUR	ABDERRAHIME	Nv	Gr 28	15.50	15.00	15.25	15.00	15.19
27	222235129311	ZAHZAH	ABDERRAHMEN	Nv	Gr 28	0.00	0.00	0.00	0.00	0.00
28	222235088711	ZAID	ABDELHADI	Nv	Gr 28	13.25	15.25	16.25	15.50	15.06
29	222235011807	ZAIDI	ABDERRHMAN	Nv	Gr 28	0.00	0.00	0.00	0.00	0.00
30	212135014246	ZAIOUR	IKRAM	Rep	Gr 28	0.00	0.00	0.00	0.00	0.00
31	222235013002	ZAOUIA	MOUHAMED	Nv	Gr 28	0.00	0.00	0.00	0.00	0.00
32	222235037313	ZARAT	SOHAIB ELHECENE	Nv	Gr 28	13.00	14.75	14.00	14.00	13.94
33	222235028219	ZATOUT	MOHAMED	Nv	Gr 28	0.00	10.00	14.00	13.50	9.38
34	222235106810	ZAZA	ABDELIAMINE	Nv	Gr 28	16.50	14.50	15.00	11.50	14.38
35	222235125613	ZEBIRI	CHAIMA	Nv	Gr 28	16.75	16.75	16.00	15.25	16.19
36	222235024112	ZEGHIB	ANFEL	Nv	Gr 28	15.50	16.75	15.75	13.50	15.38
37	222235011508	ZEGHICHE	SOHAIEB AYOUB	Nv	Gr 28	0.00	0.00	0.00	0.00	0.00

N°	Mat. Etudiant	Nom	Prénom	Pos	Groupes	Note TP1	Note TP2	Note TP2	Note TP2	Moy. TP/20
1	202035016105	BAITI	OMRANE	Déb/Rei	Gr 29	0.00	0.00	0.00	0.00	0.00
2	202035002885	BENAIFA	OUSSAMA	Déb/Rep	Gr 29	0.00	17.00	14.00	17.50	12.13
3	212135004667	BENAGOUNE	CHAIMA	Déb/Nv	Gr 29	0.00	0.00	0.00	0.00	0.00
4	212135002988	BENBOUTA	MOHAMED KHALIL	Déb/Nv	Gr 29	16.00	14.00	16.50	15.00	15.38
5	202035010775	BENDADDA	Mohammed mehdi	IA	Gr 29	15.00	0.00	0.00	12.00	6.75
6	212135008901	BENDRIHEM	ASMA	Rep	Gr 29	17.00	16.50	0.00	15.00	12.13
7	191935008432	BENDRIHEM	AYMEN	TR	Gr 29	0.00	15.50	0.00	0.00	3.88
8	212135008977	BENDRIHEM	RANA	Déb/Nv	Gr 29	15.00	17.50	0.00	0.00	8.13
9	212135018161	BENGHEZAL	AHMED	Rep	Gr 29	0.00	0.00	0.00	0.00	0.00
10	212139058253	BOUAKKAZ	AMANI	TR	Gr 29	16.00	13.00	0.00	0.00	7.25
11	222235091206	ZEGHICHI	AYMEN	Nv	Gr 29	14.50	14.50	13.50	0.00	10.63
12	212135011713	ZEGHICHI	FAYCAL	Rep	Gr 29	0.00	0.00	0.00	0.00	0.00
13	222235007818	ZEGHINA	AHMED ABDERRAHMANE	Nv	Gr 29	17.50	17.00	18.00	17.50	17.50
14	212135002323	ZELLOUF	MOHAMED SALAH AMINE	Rep	Gr 29	0.00	0.00	0.00	0.00	0.00
15	222235085605	ZENNI	ISRA HIBAT ERRAHMANE	Nv	Gr 29	16.00	16.00	15.50	14.50	15.50
16	222235066316	ZERAFI	CHAMESS EL ASSIL	Nv	Gr 29	17.00	18.00	16.00	16.00	16.75
17	222235091501	ZERGUINE	CHOUAIB	Nv	Gr 29	17.00	17.00	15.00	15.00	16.00
18	222235031111	ZERGUINE	RAID	Nv	Gr 29	0.00	17.00	17.50	17.50	13.00
19	222235078903	ZERIBI	RACHANE	Nv	Gr 29	17.50	17.00	18.00	15.50	17.00
20	222235008511	ZEROUAL	AIMENE	Nv	Gr 29	15.50	14.50	15.00	15.00	15.00
21	222235081603	ZEROUAL	AMIRA NOR EL YAKINE	Nv	Gr 29	15.00	14.00	15.00	0.00	11.00
22	212135006078	ZEROUAL	AYA CHAMS EL ISLAM	Déb/Nv	Gr 29	15.50	15.00	15.00	0.00	11.38
23	212135005336	ZEROUAL	FASSIH	Rep	Gr 29	0.00	0.00	14.50	0.00	3.63
24	191935004112	ZEROUAL	ILYED ABDEL DJALIL	IA	Gr 29	0.00	0.00	0.00	0.00	0.00
25	222235014907	ZEROUALI	YOUGHARTA	Nv	Gr 29	14.50	14.50	13.50	0.00	10.63
26	222235037219	ZEROUNI	SAFA	Nv	Gr 29	0.00	15.00	15.00	0.00	7.50
27	202035015275	ZEROUNI	ZAKARIA	TR	Gr 29	0.00	14.50	14.50	0.00	7.25
28	212135006455	ZIANE	Abd elkrim	Rep	Gr 29	0.00	0.00	0.00	0.00	0.00
29	222235016320	ZIANI	DJADALMOULA	Nv	Gr 29	15.00	15.00	0.00	0.00	7.50
30	222235085701	ZIANI	NASSIM	Nv	Gr 29	15.00	13.50	14.00	0.00	10.63
31	222235036905	ZIANI	SARA	Nv	Gr 29	14.50	14.00	16.00	0.00	11.13
32	222235078316	ZIANI	YOUSRA	Nv	Gr 29	13.50	14.50	13.50	0.00	10.38
33	222235017006	ZIDANI	ZAKARIA	Nv	Gr 29	15.00	14.00	13.50	0.00	10.63
34	222235078111	ZIOUANE	KARIMA	Nv	Gr 29	15.00	15.00	13.50	0.00	10.88
35	222235048511	ZIOUAR	RAHAL	Nv	Gr 29	15.00	15.00	13.00	0.00	10.75
36	222235121006	ZOUAGRI	AYMEN	Nv	Gr 29	15.50	14.50	14.00	0.00	11.00
37	222235121616	ZOUAGRI	MOUSSA	Nv	Gr 29	0.00	0.00	0.00	0.00	0.00
38	212135018957	ZOUITA	KHALED ZIN EDDINE	Rep	Gr 29	0.00	0.00	0.00	0.00	0.00