

IP-EL

TRAITEMENT DE SIGNAL

AUTOMATIQUE

ELECTRONIQUE NUMÉRIQUE

OUTILS MATHÉMATIQUES ET LOGICIELS

PROJET TUTORÉ 1

PROJET TUTORÉ 2

Page 1 de 7

S6-SMP-EL

TRAITEMENT DE SIGNAL	AUTOMATIQUE	ELECTRONIQUE NUMÉRIQUE	OUTILS MATHÉMATIQUES ET LOGICIELS	PROJET TUTORÉ 1	PROJET TUTORÉ 2
----------------------	-------------	------------------------	-----------------------------------	-----------------	-----------------

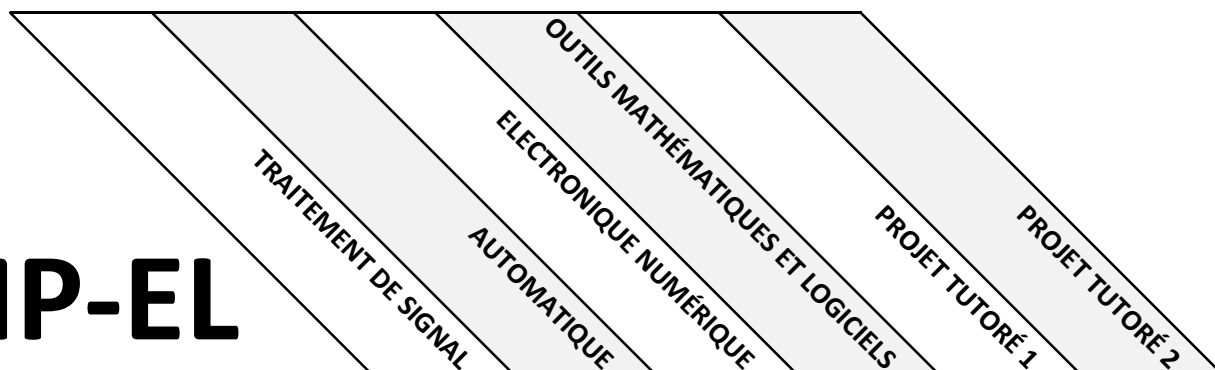
Code	CNE	Nom	Prénom						
22784	1129750009	BOUSGHIRI	CHAIMAE		S01D01P02				
43992	N131099497	BOUTMAZGUIDA	MOHAMMED	S01D01P02	S01D01P02	S01D01P02	S01D01P02		
44002	N134018743	BOUZIANE	YASSINE	S01D01P03	S01D01P03	S01D01P03	S01D01P03	S01D01P03	S01D01P03
30361	N148003888	CHAKIR	HANANE	S01D01P03	S01D01P03				
37607	N120066046	CHAMMAKH	OTMAN	S01D01P03	S01D01P03	S01D01P03	S01D01P03		
40811	S137420141	CHATAR	MALAK	S01D01P03	S01D01P03	S01D01P03	S01D01P03	S01D01P03	S01D01P03
40812	S132419923	CHATAR	NOUHAILA	S01D01P03	S01D01P03	S01D01P03	S01D01P03	S01D01P03	S01D01P03
32396	N152037994	CHENTOUFI	FATIMA EZZAHRAE	S01D01P03	S01D01P03	S01D01P03	S01D01P03	S01D01P03	S01D01P03
30146	N136329589	CHIKHI	FATIHA	S01D01P03	S01D01P03		S01D01P03		
44116	N137086371	CHIOUCHIOU	EL HASSAN	S01D01P03	S01D01P03	S01D01P03	S01D01P03	S01D01P03	S01D01P03
43416	N131322468	CHTAILI	SAFAE	S01D01P03	S01D01P03	S01D01P03			
37680	N131152274	DADA	INTISSAR	S01D01P03	S01D01P03	S01D01P03	S01D01P03	S01D01P03	S01D01P03
44194	S143053117	DELDEL	MOHAMED	S01D01P03	S01D01P03	S01D01P03	S01D01P03		
46673	USMBA22087	DIAGNE Mouham	Moustapha	S01D01P03	S01D01P03	S01D01P03	S01D01P03	S01D01P03	S01D01P03
40924	N136341851	DRIOUECH	WALID		S01D01P03	S01D01P03	S01D01P03	S01D01P03	S01D01P03
37753	N135057085	ECHADILI	EL MEHDI		S01D01P03		S01D01P03	S01D01P03	S01D01P03
40950	S135382343	EDDAHMANI	MOHAMMAD	S01D01P03	S01D01P03	S01D01P03	S01D01P03	S01D01P03	S01D01P03
14526	1128760768	ED-DAHMOUNY	OUSSAMA	S01D01P03	S01D01P03	S01D01P03	S01D01P03		
37799	N144061472	ED-DRAOUY	HAKIMA	S01D01P03					
40964	S130216102	EL BARGHOUATY	NASSIRA	S01D01P03	S01D01P03	S01D01P03	S01D01P03	S01D01P03	S01D01P03
20906	1311778469	EL AISSAOUY	JAMAL	S01D01P03	S01D01P03		S01D01P03		
37838	N137130851	EL ALAMI	OUSSAMA	S01D01P03	S01D01P03	S01D01P03	S01D01P03	S01D01P03	S01D01P03
41007	S133094339	EL AMRANI	MOHAMED	S01D02P04	S01D02P04	S01D02P04	S01D02P04	S01D02P04	S01D02P04
35078	N146054962	EL AMRI	YASMINE	S01D02P04	S01D02P04				
41029	N136320452	EL ASSALY	SALMA	S01D02P04	S01D02P04		S01D02P04	S01D02P04	S01D02P04
41044	N133178379	EL AZAAR	MERYEM	S01D02P04	S01D02P04	S01D02P04	S01D02P04	S01D02P04	S01D02P04
44381	N134316809	EL BAQQALI	HIBA	S01D02P04	S01D02P04	S01D02P04	S01D02P04	S01D02P04	S01D02P04
14562	1129752960	EL BARADÿY	IBRAHIM	S01D02P04	S01D02P04	S01D02P04	S01D02P04	S01D02P04	S01D02P04
41073	S135263056	EL BARNOUSSI	MOHAMMED	S01D02P04	S01D02P04	S01D02P04	S01D02P04	S01D02P04	S01D02P04
41075	N131329922	EL BAZI	MOHAMMED	S01D02P04	S01D02P04	S01D02P04	S01D02P04	S01D02P04	S01D02P04
41084	N139044487	EL BOUAYADI	FERDAOUS	S01D02P04	S01D02P04	S01D02P04	S01D02P04	S01D02P04	S01D02P04
32633	N132302008	EL HADFI	HAMZA		S01D02P04				
35189	S132091064	EL HAJJAJI	KARIM	S01D02P04	S01D02P04	S01D02P04	S01D02P04	S01D02P04	S01D02P04
14616	1128838235	EL HAKIMY	SOUKAINA	S01D02P04	S01D02P04	S01D02P04	S01D02P04	S01D02P04	S01D02P04
38006	N120048685	EL HAMDANI	ISMAIL	S01D02P04	S01D02P04	S01D02P04	S01D02P04	S01D02P04	S01D02P04
30481	N131257504	EL HAMMOUDY	MOUNIA	S01D02P04	S01D02P04	S01D02P04			

S6-SMP-EL

TRAITEMENT DE SIGNAL	AUTOMATIQUE	ELECTRONIQUE NUMERIQUE	OUTILS MATHÉMATIQUES ET LOGICIELS	PROJET TUTORÉ 1	PROJET TUTORÉ 2
----------------------	-------------	------------------------	-----------------------------------	-----------------	-----------------

Code	CNE	Nom	Prénom						
38016	S133064560	EL HAMZAOU	NOUHAYLA	S01D02P04	S01D02P04	S01D02P04	S01D02P04		
51312	Z213204253	EL HANAFI	OMAR	S01D02P04	S01D02P04	S01D02P04	S01D02P04	S01D02P04	S01D02P04
26432	N138376253	EL HAOUARY	MAMMA	S01D02P04	S01D02P04	S01D02P04	S01D02P04		
21104	1311759123	EL HASSOUNI	NAJLAE	S01D02P04	S01D02P04	S01D02P04	S01D02P04		
41223	N120081132	EL JADIDY	JAOUHARA	S01D02P04	S01D02P04	S01D02P04	S01D02P04	S01D02P04	S01D02P04
26471	1412751347	EL JANATI	FATIMA ZAHRAE	S01D02P05	S01D02P05				
44535	N144071294	EL JATTIOUI	ABDELMALIK	S01D02P05	S01D02P05	S01D02P05	S01D02P05	S01D02P05	S01D02P05
23309	1412754544	EL KALAAI	ADNANE	S01D02P05		S01D02P05			
32697	N142060269	EL KALÂI	MOHAMMED	S01D02P05	S01D02P05	S01D02P05		S01D02P05	S01D02P05
38091	N142009573	EL KARIMI	EL GHALIA	S01D02P05	S01D02P05	S01D02P05	S01D02P05		
28949	N135360737	EL KHACHANI	DRISS					S01D02P05	S01D02P05
23313	1410747831	EL KHADRISSI	SAAD		S01D02P05	S01D02P05			
46546	1414823730	EL KHATIR	MOHAMMED	S01D02P05	S01D02P05				
44563	N134381605	EL KHATYB	FATIMA- ZAHRAE	S01D02P05	S01D02P05	S01D02P05	S01D02P05	S01D02P05	S01D02P05
41274	N130024355	EL KHBIZI	HICHAM	S01D02P05	S01D02P05	S01D02P05	S01D02P05	S01D02P05	S01D02P05
35276	N137170023	EL KHOLTA	FATIMA ZAHRAE	S01D02P05	S01D02P05				
41289	N120012642	EL KOUZY	BILAL	S01D02P05	S01D02P05	S01D02P05	S01D02P05	S01D02P05	S01D02P05
30238	N134146272	EL MAKNASSI	MOHAMMED	S01D02P05	S01D02P05		S01D02P05	S01D02P05	S01D02P05
41313	N136184334	EL MAMOUNI	CHAIMAE	S01D02P05	S01D02P05	S01D02P05	S01D02P05	S01D02P05	S01D02P05
35303	S132425701	EL MARDI	ZAHWA	S01D02P05	S01D02P05	S01D02P05	S01D02P05		
17727	1228743808	EL MESOUDY	MOHAMMED	S01D02P05		S01D02P05			
30340	N136162720	EL MHAOUFAR	FATIMA EZZAHRAE	S01D02P05	S01D02P05				
35334	N136162996	EL MOUSSAYER	SALIMA	S01D02P05	S01D02P05	S01D02P05	S01D02P05	S01D02P05	S01D02P05
38216	N135225447	EL ODHRY	CHAYMAE	S01D02P05	S01D02P05	S01D02P05	S01D02P05	S01D02P05	S01D02P05
38222	N136055976	EL OUAGHRA	MOHAMMED	S01D02P06	S01D02P06	S01D02P06	S01D02P06	S01D02P06	S01D02P06
41388	S138326221	EL OUALI	BILAL	S01D02P06	S01D02P06	S01D02P06	S01D02P06	S01D02P06	S01D02P06
41398	N120010667	EL OUARDY	AYYOUB	S01D02P06	S01D02P06	S01D02P06	S01D02P06	S01D02P06	S01D02P06
34135	N137229978	EL YAAGOUBI	AYOUB	S01D02P06	S01D02P06	S01D02P06			
41422	N132031327	EL YAAGOUBI	ANAS	S01D02P06					
17804	1210753471	EL YAZIDI	ISSAM	S01D02P06	S01D02P06	S01D02P06	S01D02P06	S01D02P06	S01D02P06
23371	1412789216	EL YOUSFI	MOHAMMED	S01D02P06	S01D02P06	S01D02P06	S01D02P06		
44736	S136180396	EL-ADAMI	HOUDA	S01D02P06	S01D02P06	S01D02P06	S01D02P06	S01D02P06	S01D02P06
35411	N138268124	ELAOULA	OUMAYMA	S01D02P06	S01D02P06	S01D02P06	S01D02P06	S01D02P06	S01D02P06
38315	N134116156	ELAZZOUZI	CHAYMAE	S01D02P06	S01D02P06	S01D02P06			
35428	N141018684	ELBARAKAH	ABDELHAY	S01D02P06	S01D02P06	S01D02P06	S01D02P06		
41487	S139351134	ELBEROUHI	NAJAT		S01D02P06	S01D02P06	S01D02P06	S01D02P06	S01D02P06

S6-SMP-EL



Code	CNE	Nom	Prénom						
41505	S138160227	EL-FAIZ	HANAE	S01D02P06	S01D02P06	S01D02P06	S01D02P06	S01D02P06	S01D02P06
41578	S130334175	EL-KHOMSY	ABDERRAZZAK	S01D02P06	S01D02P06	S01D02P06			
46690	N120010505	Elmabrouk	BASMA	S01D02P06	S01D02P06	S01D02P06	S01D02P06	S01D02P06	S01D02P06
30294	S137374263	EL-MAHMOUZI	HAMZA	S01D02P06	S01D02P06	S01D02P06	S01D02P06	S01D02P06	S01D02P06
41602	S134206451	EL-M'GARI	MOHAMED	S01D02P06	S01D02P06	S01D02P06	S01D02P06	S01D02P06	S01D02P06
44831	S143054043	EL-OUARDI	OUADIE	S01D02P06	S01D02P06	S01D02P06	S01D02P06	S01D02P06	S01D02P06
35535	N130380776	EL-OUIZI	RACHID	S01D02P06	S01D02P06	S01D02P06	S01D02P06	S01D02P06	S01D02P06
45105	N139140239	ENNAGOURA	OUMAYMA	S01D02P06	S01D02P06	S01D02P06	S01D02P06	S01D02P06	S01D02P06
35549	S147014854	EN-NAJY	BILAL	S01D03P07	S01D03P07				
44937	N131056308	ENNOUAMI	WAFAE	S01D03P07	S01D03P07	S01D03P07	S01D03P07	S01D03P07	S01D03P07
35554	N138348792	ENNOURI	SOFIANE	S01D03P07	S01D03P07				
45110	N142050787	ERRAQI	SMAIL	S01D03P07	S01D03P07	S01D03P07	S01D03P07	S01D03P07	S01D03P07
38529	S136262709	ES-SAD	AYOUB	S01D03P07	S01D03P07	S01D03P07	S01D03P07	S01D03P07	S01D03P07
41699	N120024453	ESSADDOUQUI E	ASMAE	S01D03P07	S01D03P07				
30321	S138288453	ES-SAMERY	HANAE		S01D03P07		S01D03P07		
41723	N134324704	ES-SARGHINI	BADIAA	S01D03P07	S01D03P07	S01D03P07	S01D03P07	S01D03P07	S01D03P07
18155	1210746816	ETTAQI	EL ARBI	S01D03P07	S01D03P07	S01D03P07			
38592	N131150372	EZ ZAHY	REDA		S01D03P07	S01D03P07	S01D03P07	S01D03P07	S01D03P07
41757	S131251730	EZARFI	AISSA	S01D03P07	S01D03P07				
35636	S131255693	EZ-ZAOUIN	HICHAM	S01D03P07			S01D03P07	S01D03P07	S01D03P07
46396	N136203794	EZZAZA	HALIMA	S01D03P07	S01D03P07	S01D03P07	S01D03P07	S01D03P07	S01D03P07
4741	2523767599	EZ-ZGHARY	YOUSSEF	S01D03P07	S01D03P07	S01D03P07			
45065	N133324320	EZZOHR	IBTISSAME	S01D03P07	S01D03P07	S01D03P07	S01D03P07	S01D03P07	S01D03P07
38621	S135270120	EZ-ZOUAK	DOUNIA	S01D03P07	S01D03P07	S01D03P07	S01D03P07	S01D03P07	S01D03P07
29202	N139377185	FAQIHI	SOUZIA		S01D03P07		S01D03P07		
38642	S137249014	FARHAN	LOBNA	S01D03P07	S01D03P07	S01D03P07		S01D03P07	S01D03P07
21519	1311750765	FELAKI	ANASS	S01D03P07	S01D03P07				
38697	S135136716	GARTET	AYYOUB	S01D03P08	S01D03P08	S01D03P08	S01D03P08	S01D03P08	S01D03P08
38701	S147039861	GHANMAT	BOUCHTA	S01D03P08	S01D03P08	S01D03P08			
45204	N130004958	GOURRI	AMINA	S01D03P08	S01D03P08				
41875	S138219599	GUARRIDI	DOUNYA	S01D03P08	S01D03P08	S01D03P08	S01D03P08	S01D03P08	S01D03P08
29250	N131373938	HACHAMI	AYYOUB	S01D03P08	S01D03P08	S01D03P08	S01D03P08	S01D03P08	S01D03P08
38741	N134090914	HAFDI	CHAYMAE	S01D03P08	S01D03P08	S01D03P08			
38743	N120043060	HAFIDI	HOUDA	S01D03P08	S01D03P08	S01D03P08	S01D03P08	S01D03P08	S01D03P08
41926	N133168537	HAMANI	OTMANE	S01D03P08	S01D03P08	S01D03P08	S01D03P08	S01D03P08	S01D03P08
38768	N144019469	HAMMAD	SAID	S01D03P08	S01D03P08	S01D03P08	S01D03P08		

S6-SMP-EL

TRAITEMENT DE SIGNAL	AUTOMATIQUE	ELECTRONIQUE NUMERIQUE	OUTILS MATHÉMATIQUES ET LOGICIELS	PROJET TUTORÉ 1	PROJET TUTORÉ 2
----------------------	-------------	------------------------	-----------------------------------	-----------------	-----------------

Code	CNE	Nom	Prénom						
16947	1128756101	HAMMANI	ABDERRAHIM	S01D03P08	S01D03P08	S01D03P08	S01D03P08		
41944	S136297415	HAMMANI	SAMIHA	S01D03P08	S01D03P08	S01D03P08	S01D03P08	S01D03P08	S01D03P08
38784	N130266172	HANNOUCH	NOURA	S01D03P08	S01D03P08	S01D03P08			
33185	N131346693	HIBAOU	YASSINE		S01D03P08	S01D03P08	S01D03P08	S01D03P08	S01D03P08
53118	2199759900	HICHAM	BOUMZOUR	S01D03P08	S01D03P08	S01D03P08	S01D03P08	S01D03P08	S01D03P08
35832	N131097924	HSINE	HAMMOU		S01D03P08	S01D03P08			
45353	N139119226	IDRISSI	ZAKARIAE	S01D03P08	S01D03P08	S01D03P08	S01D03P08	S01D03P08	S01D03P08
43434	N148055914	IDRISSI JAOUZI	FATIMA-ZAHRAE	S01D03P08	S01D03P08	S01D03P08	S01D03P08	S01D03P08	S01D03P08
45367	N120052617	JAAFAR	AYOUB	S01D03P08	S01D03P08	S01D03P08	S01D03P08	S01D03P08	S01D03P08
42046	S145040695	JADID	ABDELHAMID	S01D03P08					
45374	N135011999	JAI HANOUNE	ZAKARIA	S01D03P09	S01D03P09	S01D03P09	S01D03P09	S01D03P09	S01D03P09
42050	N136048406	JALABA	FATIMA ZOHRA	S01D03P09	S01D03P09	S01D03P09	S01D03P09	S01D03P09	S01D03P09
29330	N133316686	JALAL	ABDELILAH	S01D03P09	S01D03P09	S01D03P09		S01D03P09	S01D03P09
38892	S142042935	JANATI IDRISSI	MOHAMMED	S01D03P09					
42064	S134257511	JAZOULI	SOUKAINA	S01D03P09	S01D03P09	S01D03P09	S01D03P09	S01D03P09	S01D03P09
38902	N120056252	JEBBOURI	SOUAD	S01D03P09					
31875	1513742615	JELLOULY	RACHID	S01D03P09	S01D03P09	S01D03P09	S01D03P09	S01D03P09	S01D03P09
30398	S136334432	JOUITET	AHMED	S01D03P09	S01D03P09	S01D03P09			
38919	M146001588	KACEMI	ABDELHAMID	S01D03P09	S01D03P09	S01D03P09	S01D03P09	S01D03P09	S01D03P09
42096	N120081065	KAHAICH	SANAE		S01D03P09	S01D03P09	S01D03P09	S01D03P09	S01D03P09
45419	S131276847	KAHLAOU	IMAN	S01D03P09	S01D03P09	S01D03P09	S01D03P09	S01D03P09	S01D03P09
42101	N137056829	KAMOU	FATIMA			S01D03P09	S01D03P09	S01D03P09	S01D03P09
42107	N132113377	KARBOUT	KAOUTAR	S01D03P09					
42109	N131340297	KARIA	IKRAM	S01D03P09	S01D03P09	S01D03P09	S01D03P09	S01D03P09	S01D03P09
42122	S139129118	KARTIBOU	YOUSSEF	S01D03P09	S01D03P09	S01D03P09	S01D03P09	S01D03P09	S01D03P09
42145	N142042037	KHALEF	HATIM	S01D03P09	S01D03P09	S01D03P09	S01D03P09	S01D03P09	S01D03P09
35925	N130163315	KHALOUTA	OMAR	S01D03P09	S01D03P09	S01D03P09	S01D03P09		
40059	S130003736	KHAMLI	SOULAIMAN	S01D03P09	S01D03P09	S01D03P09	S01D03P09	S01D03P09	S01D03P09
43055	N133086082	KJIDAA	MANAR	S01D03P09					
39003	N148026835	KOUIBAA	CHAYMAE		S01D03P09		S01D03P09	S01D03P09	S01D03P09
42211	N120044847	LAFDIL	ALI	S01D04P10					
42218	N134044467	LAGHRISSI	MOHAMMED	S01D04P10	S01D04P10	S01D04P10	S01D04P10	S01D04P10	S01D04P10
45561	E137141195	LAHIQ	NOUH	S01D04P10	S01D04P10	S01D04P10	S01D04P10	S01D04P10	S01D04P10
29436	N134124101	LAHJOUJI	IBRAHIM	S01D04P10	S01D04P10	S01D04P10	S01D04P10	S01D04P10	S01D04P10
35989	N131349377	LAHJOUJI	MOHAMMED	S01D04P10	S01D04P10	S01D04P10	S01D04P10	S01D04P10	S01D04P10
39074	S139307950	LAKHAL	FATIMA ZAHRAE	S01D04P10	S01D04P10	S01D04P10	S01D04P10	S01D04P10	S01D04P10

IP-EL

TRAITEMENT DE SIGNAL

AUTOMATIQUE

ELECTRONIQUE NUMÉRIQUE

OUTILS MATHÉMATIQUES ET LOGICIELS

PROJET TUTORÉ 1

PROJET TUTORÉ 2

Page 6 de 7

S6-SMP-EL

TRAITEMENT DE SIGNAL	AUTOMATIQUE	ELECTRONIQUE NUMÉRIQUE	OUTILS MATHÉMATIQUES ET LOGICIELS	PROJET TUTORÉ 1	PROJET TUTORÉ 2
----------------------	-------------	------------------------	-----------------------------------	-----------------	-----------------

Code	CNE	Nom	Prénom						
29720	N131232364	SMIAR	NEHAILA	S01D04P12	S01D04P12	S01D04P12	S01D04P12		
46165	N136099063	SOULAIMI	LAILA	S01D04P12					
36438	N145036231	SRATI	IBRAHIM	S01D04P12	S01D04P12				
17531	1210766758	TAGHZOUT	SIHAME	S01D04P12	S01D04P12	S01D04P12	S01D04P12		
42846	N146000228	TAHIRI	AYMANE	S01D04P12	S01D04P12	S01D04P12	S01D04P12	S01D04P12	S01D04P12
42860	N138006910	TALMAST	FATIMA	S01D04P12					
42881	S132234078	TIAL	MOHAMED	S01D04P12	S01D04P12	S01D04P12	S01D04P12	S01D04P12	S01D04P12
42906	S139253935	TRIOUI	LAMYAE		S01D04P12		S01D04P12		
42953	S140031215	ZARROUK	NABYLA	S01D04P12	S01D04P12				
39873	N138082739	ZAYOUN	ISMAIL	S01D04P12	S01D04P12	S01D04P12	S01D04P12	S01D04P12	S01D04P12
39891	N132344848	ZENNOUTI	AHMED	S01D04P12	S01D04P12	S01D04P12	S01D04P12		
42970	N139093451	ZERIAH	RACHID	S01D04P12	S01D04P12	S01D04P12	S01D04P12	S01D04P12	S01D04P12
33951	N137197241	ZEROUAT	HANANE			S01D04P12	S01D04P12	S01D04P12	S01D04P12
36551	N135347885	ZIOUATE	KACEM	S01D04P12	S01D04P12		S01D04P12		
39913	N135340464	ZITOUNI	OMAR	S01D04P12	S01D04P12	S01D04P12	S01D04P12	S01D04P12	S01D04P12
46318	N137185881	ZNATI	ILHAM	S01D04P12	S01D04P12	S01D04P12			
43002	N120064222	ZNITI	HAJAR	S01D04P12	S01D04P12	S01D04P12	S01D04P12	S01D04P12	S01D04P12