

Département : Physique Appliquée TC-MIP 2

TP : Informatique 2: Algorithmique 2 / Python

Responsable : Pr. M. CHRAIBI

| Apogée   | Nom              | Prénom       | Groupe TP | TP1: Salle Info M<br>Date   |
|----------|------------------|--------------|-----------|-----------------------------|
| 24014606 | AABKARI          | AHMED        | G1        | 24/04/2025 de 08h30 à 12h30 |
| 24014408 | AABOU            | MARYAME      |           |                             |
| 22008326 | AAFAN            | ABDELLAH     |           |                             |
| 24015237 | AAJLI            | AYOUB        |           |                             |
| 24015282 | AALAOUI          | ABDERRAHIM   |           |                             |
| 24015013 | AARAB            | KHADIJA      |           |                             |
| 22008858 | AATTAR           | MUSTAPHA     |           |                             |
| 24015060 | ABAOMAR          | MOHAMED      |           |                             |
| 24014317 | ABDELHADI        | BENSALAH     |           |                             |
| 24025154 | ABIDAR           | MOHAMED      |           |                             |
| 23013033 | ABIDAR           | OUSSAMA      |           |                             |
| 24014358 | ABIDATE          | HIBA         |           |                             |
| 24014608 | ABKKAR           | OUSSAMA      |           |                             |
| 24025210 | ABOUBBEL         | IKRAM        |           |                             |
| 24014934 | ABOURRIG         | SARA         |           |                             |
| 24014713 | ACHBANI          | MARWA        |           |                             |
| 24015186 | ACHBANI          | SAFAE        |           |                             |
| 24014381 | ACHFRI           | TAOUFIQ      |           |                             |
| 24015074 | ACHIBAN          | YOUSSEF      |           |                             |
| 24015259 | ACHIBANE         | SIHAM        |           |                             |
| 24015456 | ACHNID           | LAHCEN       |           |                             |
| 24015463 | ACHTOUK          | FATIMA ZAHRA |           |                             |
| 24014939 | ADAQUI           | MAROUA       |           |                             |
| 24015308 | ADDI             | MOHAMED      |           |                             |
| 21010914 | ADERDOR          | AICHA        |           |                             |
| 24014981 | ADOUDOUCHE       | ABDELLATIF   |           |                             |
| 24015391 | AFOULLOUS        | AMINA        |           |                             |
| 24015126 | AGACHOUR         | FATIMA       |           |                             |
| 21014453 | AGGA             | ABDELLAH     |           |                             |
| 24014595 | AGHENJA          | CHAYMA       |           |                             |
| 24025243 | AGOURIANE        | AYMAN        |           |                             |
| 24014248 | AGTIT            | IMANE        |           |                             |
| 24014862 | AGUENTIF         | HAMZA        |           |                             |
| 24014380 | AHOUDAYG         | HAMZA        |           |                             |
| 24014436 | AIT ABDERRAHMAN  | FATIMA       |           |                             |
| 24014590 | AIT ABED         | AHMED        |           |                             |
| 24014399 | AIT ALI          | ABDELKARIM   |           |                             |
| 23013018 | AIT ALLAL        | RABIA        |           |                             |
| 24014743 | AIT ATTOU        | SAIF EDDINE  |           |                             |
| 24014641 | AIT BEN HMAD     | ANAS         |           |                             |
| 24015304 | AIT BRIK         | MAROUANE     |           |                             |
| 21011432 | AIT DAQUIKI      | HAMZA        |           |                             |
| 24015109 | AIT DOUKIR       | SARA         |           |                             |
| 24014487 | AIT ELHADJ BOUHO | MOHAMED      |           |                             |
| 24014650 | AIT FDIL         | KHADIJA      |           |                             |
| 21012434 | AIT KAR          | MOUAD        |           |                             |
| 24015297 | AIT LAARIF       | ABDESSAMAD   |           |                             |
| 24014728 | AIT LAARIF       | MOHAMED      |           |                             |
| 24014637 | AIT LKAID        | HAMZA        |           |                             |
| 22008374 | AIT MHAND        | AZIZA        |           |                             |
| 24014527 | AIT MHAND        | BOUCHRA      |           |                             |
| 23013137 | AIT MOUMAD       | IMANE        |           |                             |
| 24014901 | AIT MRAIT        | REDA         |           |                             |
| 24014693 | AIT NAJIM        | AICHA        |           |                             |
| 21012757 | AIT OUTBIB       | AICHA        |           |                             |
| 24015327 | AIT RIZOUANE     | YOUNESS      |           |                             |
| 24014846 | AIT SAAD         | HAMZA        |           |                             |
| 24014338 | AIT SIBLA        | MOHAMED      |           |                             |
| 24014970 | AIT TALEB        | HANANE       |           |                             |
| 20002183 | AIT TIRIT        | ABDELKARIM   |           |                             |
| 24015049 | AITHAMMOU        | MUSTAPHA     |           |                             |
| 24015285 | AIT-OUGAHMANE    | ACHRAF       |           |                             |
| 24014284 | AJARDAOUI        | KHADIJA      |           |                             |
| 24013152 | AJARRAR          | ABDESSAMAD   |           |                             |
| 24014600 | AJRAR            | ABDALLAH     |           |                             |
| 24014703 | AKADAM           | KARIMA       |           |                             |
| 23013061 | AKHALFFOU        | MOHAMED      |           |                             |
| 22008045 | AKHARRAZ         | SALAH-EDDINE |           |                             |
| 22007910 | AKHDAICH         | HAMZA        |           |                             |
| 24014727 | AKHERRAZ         | MOURAD       |           |                             |
| 23013136 | AKHSSASSI        | YASSINE      |           |                             |
| 24015429 | AKIL             | IMANE        |           |                             |
| 24014844 | AKIOUD           | Noureddine   |           |                             |
| 24014793 | AKZAOU           | MOHAMED      |           |                             |
| 24015067 | AL HAOUIL        | FATIMA-ZAHRA |           |                             |

| Apogée   | Nom         | Prénom        | Groupe TP | TP1: Salle Info P           |
|----------|-------------|---------------|-----------|-----------------------------|
|          |             |               |           | Date                        |
| 20001654 | ALAHIANE    | SIHAM         | G2        | 24/04/2025 de 08h30 à 12h30 |
| 24014462 | ALHYANE     | YOUNES        |           |                             |
| 24014573 | ALLA        | HABIBA        |           |                             |
| 24014629 | AMADJAR     | HAMZA         |           |                             |
| 24015389 | AMAGHOUS    | MOHAMED       |           |                             |
| 23013055 | AMALAL      | EL HOUCINE    |           |                             |
| 24015089 | AMALAL      | zakaria       |           |                             |
| 23013239 | AMANAR      | ISSAM         |           |                             |
| 20002389 | AMARIR      | HAJAR         |           |                             |
| 24014371 | AMAZZAD     | EL MEHDI      |           |                             |
| 23013308 | AMEGROUD    | ABDESSAMAD    |           |                             |
| 24015037 | AMINE       | MOHAMED       |           |                             |
| 20002340 | AMOZOUN     | FARID         |           |                             |
| 24014774 | AMZOU       | YOUSSEF       |           |                             |
| 21040057 | ANAFLOUS    | ABDELLAH      |           |                             |
| 24014680 | ANANA       | MOHAMED AMINE |           |                             |
| 24014267 | ANFLOUSS    | ahmed yassine |           |                             |
| 24014309 | ANNANE      | YAHYA         |           |                             |
| 24014510 | ANTARI      | HAJAR         |           |                             |
| 24015116 | AOUABE      | Abdelhalim    |           |                             |
| 24014931 | AQLIL       | ABDELLATIF    |           |                             |
| 24014567 | ARMOUZ      | Abdelali      |           |                             |
| 24014542 | ASAKOUR     | AYOUB         |           |                             |
| 24014394 | ASSARRAR    | HASNA         |           |                             |
| 24015445 | ASSIFID     | ASMA          |           |                             |
| 24015083 | ASSLAOUI    | SALIM         |           |                             |
| 21012067 | ASSYAD      | NOUREDDINE    |           |                             |
| 24015137 | ATANAN      | ABDELLATIF    |           |                             |
| 24014746 | ATATOUSSE   | MOHAMED       |           |                             |
| 24031896 | ATIK        | SAAD          |           |                             |
| 22008542 | ATTAKI      | ABDELLAH      |           |                             |
| 22008989 | AYADI       | ABDESSAMAD    |           |                             |
| 24015364 | AYOUB       | BENBELLA      |           |                             |
| 21012042 | AZAROUAL    | MUSTAPHA      |           |                             |
| 24015320 | AZEGGARH    | MOHAMED       |           |                             |
| 23013328 | AZEKRI      | MOHAMED       |           |                             |
| 23012709 | AZZAM       | IMANE         |           |                             |
| 24014528 | AZZOUZI     | SARA          |           |                             |
| 24014428 | BAARRI      | YOUSSEF       |           |                             |
| 23012972 | BAGUAR      | LAHCEN        |           |                             |
| 24014835 | BAHLOUL     | MOHAMED AMINE |           |                             |
| 24014858 | BAHTAOUI    | MOHAMED NOUR  |           |                             |
| 24025230 | BAIMIK      | LOUBNA        |           |                             |
| 24014745 | BAKHOUGH    | SOUMAYA       |           |                             |
| 23012933 | BAKOUD      | KHADIJA       |           |                             |
| 24014695 | BALADY      | IMRANE        |           |                             |
| 24014566 | BALDI       | LAMIA         |           |                             |
| 24015340 | BALLA       | IMANE         |           |                             |
| 24015158 | BARKACHE    | ANOUAR        |           |                             |
| 24014337 | BAROUNI     | MOHAMED       |           |                             |
| 24014980 | BATAT       | HAMZA         |           |                             |
| 24025128 | BAZI        | MARYEM        |           |                             |
| 24014577 | BAZZI       | Zakaria       |           |                             |
| 24014540 | BAZZY       | MEHDI         |           |                             |
| 23013263 | BEGGAR      | FIRDAWS       |           |                             |
| 23013230 | BELCAID     | HAMZA         |           |                             |
| 21012811 | BELFFIQR    | RACHID        |           |                             |
| 24010179 | BELHAG      | RIDA          |           |                             |
| 24014404 | BELHAJ      | ZAKARIA       |           |                             |
| 24015482 | BELLA       | HANAN         |           |                             |
| 24014583 | BELLAOUI    | Hamza         |           |                             |
| 24014492 | BEN BRAHIM  | MARYAME       |           |                             |
| 24014811 | BEN CHEIKH  | AMANE         |           |                             |
| 24014403 | BEN GUERAME | YOUNESS       |           |                             |
| 23041800 | BEN KAJJA   | BADRE         |           |                             |
| 24014852 | BEN KAJJA   | SOUKAINA      |           |                             |
| 23013118 | BEN MOHAMED | LARBI         |           |                             |
| 24015251 | BEN SADIK   | HAJAR         |           |                             |
| 24015199 | BEN YOUSSEF | YOUSSEF       |           |                             |
| 24014565 | BEN-ABELLA  | HASSAN        |           |                             |
| 24014894 | BENCHAMOUR  | AHMED         |           |                             |
| 20001050 | BENCHATTOU  | ABDELLAH      |           |                             |
| 24014396 | BENECHIKH   | NAIMA         |           |                             |
| 24014360 | BENHAMOU    | MOHAMED       |           |                             |
| 24015272 | BENHNAYNE   | HAJAR         |           |                             |

| Apogée   | Nom          | Prénom       | Groupe TP | TP1: Salle Info 3           |
|----------|--------------|--------------|-----------|-----------------------------|
|          |              |              |           | Date                        |
| 22008834 | BENJDI       | JAMAL        | G3        | 24/04/2025 de 08h30 à 12h30 |
| 24015424 | BENKRARA     | AYOUB        |           |                             |
| 24015239 | BENLAFKIH    | Soufiyane    |           |                             |
| 23012473 | BENNASSER    | IMAD         |           |                             |
| 24014355 | BENSAADOUN   | MOHAMED      |           |                             |
| 24005850 | BENSIYAD     | YASSINE      |           |                             |
| 24014466 | BENTALEB     | FATIMA       |           |                             |
| 24015055 | BENTALEB     | YASSINE      |           |                             |
| 24015023 | BENYAHIA     | AIMAD        |           |                             |
| 24015173 | BERKOUKI     | SALMA        |           |                             |
| 24015065 | BERKOUNE     | SOMAYYA      |           |                             |
| 24014377 | BERRAHOU     | HIBA         |           |                             |
| 21011380 | BERRAMI      | LAHOUSSINE   |           |                             |
| 24014552 | BERRASS      | HOUSSAM      |           |                             |
| 24015273 | BERTIT       | ANWAR        |           |                             |
| 24014374 | BIFOULOUS    | KHADIJA      |           |                             |
| 24014950 | BIKHBOUCH    | IMRANE       |           |                             |
| 24014767 | BIQ          | Hiba         |           |                             |
| 24015398 | BIYD         | MOHAMED      |           |                             |
| 24014978 | BOUAROUC     | ADAM         |           |                             |
| 24015271 | BOUATIRA     | IMANE        |           |                             |
| 24014393 | BOUAZAL      | SALMA        |           |                             |
| 24014341 | BOUDGUIG     | AHMED        |           |                             |
| 24014465 | BOUELMIRAT   | OUSSAMA      |           |                             |
| 24014591 | BOUFFI       | MOUAD        |           |                             |
| 24014795 | BOUHAMED     | ZOHRA        |           |                             |
| 22007832 | BOUHER       | MOHAMED      |           |                             |
| 24015141 | BOUHLAL      | ABDERRAHMANE |           |                             |
| 24014747 | BOUHOUC      | HAMZA        |           |                             |
| 24015153 | BOUHOUTA     | DOUNIA       |           |                             |
| 24014519 | BOUISK       | ABDESSAMAD   |           |                             |
| 24015348 | BOUKEDIR     | OSSAMA       |           |                             |
| 24014672 | BOUKENTAR    | AYOUB        |           |                             |
| 24025169 | BOUKHANCHOUC | AIMAD        |           |                             |
| 24014821 | BOUKRIM      | MOHAMED      |           |                             |
| 24015134 | BOULACHHOUB  | LAILA        |           |                             |
| 24014718 | BOULHILAT    | Hamza        |           |                             |
| 24015094 | BOULOUDENE   | Abdelhadi    |           |                             |
| 24014549 | BOUMESSAOUD  | YASSINE      |           |                             |
| 24014350 | BOUMHAOUT    | ASMA         |           |                             |
| 19010409 | BOUNIT       | ABDELAZIZ    |           |                             |
| 24015146 | BOUREQ       | EL HASSAN    |           |                             |
| 24014586 | BOURJA       | MOHAMED      |           |                             |
| 24014331 | BOUSLAM      | MOHAMED      |           |                             |
| 22009127 | BOUSSADEL    | MOHAMED      |           |                             |
| 24014687 | BOUSSOUSSINE | MOHAMED      |           |                             |
| 24015337 | BOUTAIB      | MAROUANE     |           |                             |
| 24014701 | BOUTAMANTE   | FATIMA ZAHRA |           |                             |
| 24014572 | BOUTARAK     | Zakaria      |           |                             |
| 24015164 | BOUZAABEL    | AMAL         |           |                             |
| 24014786 | BOUZGUAR     | LAYLA        |           |                             |
| 24014558 | BOUZID       | KHALID       |           |                             |
| 24014574 | BSILA        | Malak        |           |                             |
| 24015248 | CHADID       | BAHA-EDDINE  |           |                             |
| 24015077 | CHAHID       | HICHAM       |           |                             |
| 24015485 | CHAHOU       | LATIFA       |           |                             |
| 24014568 | CHAKER       | ABDERRAHMAN  |           |                             |
| 24015004 | CHAKRANE     | ABDELLAH     |           |                             |
| 20001888 | CHANNI       | GHIZLANE     |           |                             |
| 24014831 | CHARFA       | FATIMA       |           |                             |
| 23013105 | CHARIFI      | HASSAN       |           |                             |
| 24014506 | CHARKI       | IMANE        |           |                             |
| 18014407 | CHATER       | AYOUB        |           |                             |
| 24014742 | CHBANI       | HODA         |           |                             |
| 24025117 | CHERBOUB     | SOUFIANE     |           |                             |
| 23013056 | CHERRADI     | YOUNES       |           |                             |
| 24015215 | CHERRAT      | SAAD         |           |                             |
| 24014805 | CHIGUER      | NOUREDDINE   |           |                             |
| 24015218 | CHOUARFA     | ABDELWADOUD  |           |                             |
| 24014563 | CHOUAYBI     | MOHAMED      |           |                             |
| 24014780 | CHOUCHE      | AYMANE       |           |                             |
| 24014888 | CHOUIKH      | jamal        |           |                             |
| 22008450 | CHOUKRI      | HICHAM       |           |                             |
| 24014768 | COUNADEN     | OMAR         |           |                             |
| 24014449 | DABAZ        | YASSINE      |           |                             |

| Apogée   | Nom               | Prénom        | Groupe TP | TP1: Salle Info 3           |
|----------|-------------------|---------------|-----------|-----------------------------|
|          |                   |               |           | Date                        |
| 23013042 | DAHAR             | HOUDA         | G4        | 28/04/2025 de 14h00 à 18h00 |
| 24025267 | DAHIR             | ABDELKARIM    |           |                             |
| 24014751 | DAICH             | OUSSAMA       |           |                             |
| 24014499 | DANI              | YOUSSEF       |           |                             |
| 24015082 | DANJI             | MOHAMED AMINE |           |                             |
| 24014361 | DAOU              | HIBA          |           |                             |
| 24014801 | DAOUDI            | MARYEM        |           |                             |
| 24015367 | DBIB              | OUSSAMA       |           |                             |
| 24015182 | DGAIGUI           | KHADIJA       |           |                             |
| 20002705 | DOUABAT           | MARYAME       |           |                             |
| 22008956 | DOUCHE            | SOUKAINA      |           |                             |
| 24015253 | DRIFI             | Mariem        |           |                             |
| 24015405 | DRIOUCH           | HASSAN        |           |                             |
| 23012366 | ECH-CHAMMAKH      | MOHAMED AKRAM |           |                             |
| 21010774 | ECH-CHARQY        | MOHAMED       |           |                             |
| 24015344 | EDDAHIBI          | LATIFA        |           |                             |
| 24015194 | EDDAOUDI          | ABDELLAH      |           |                             |
| 24014789 | EDDAOUDI          | Anir          |           |                             |
| 24014441 | EDDBALI           | OMAR          |           |                             |
| 24014929 | EDDIBA            | ILYASSE       |           |                             |
| 24014815 | ED-DRAOUY         | RIDOUAN       |           |                             |
| 24014715 | ED-DRAOUY         | YOUSSEF       |           |                             |
| 24014645 | EDMAGK            | ABDELLAH      |           |                             |
| 24015203 | EL ABBASSI        | HAMZA         |           |                             |
| 24015475 | EL ABYAD          | ABDELILAH     |           |                             |
| 24014616 | EL ADIB           | OUMAIMA       |           |                             |
| 24014570 | EL ADOUZI         | MOHAMED       |           |                             |
| 23012411 | EL AFFOUNI        | YASSINE       |           |                             |
| 23013262 | EL ARFANI         | RAYHANA       |           |                             |
| 24014451 | EL BADAoui        | MOHAMED AMINE |           |                             |
| 24014252 | EL BAZ            | ZOUBAIR       |           |                             |
| 24014626 | EL BERKAoui       | RADWA         |           |                             |
| 23013421 | EL BOUCHTAoui     | HAUSA         |           |                             |
| 24015381 | EL BOUDRARI       | ZAKARIA       |           |                             |
| 24014643 | EL BOUHALI        | AMAL          |           |                             |
| 24025121 | EL FILALI         | MOHAMED       |           |                             |
| 24014827 | EL FOUdil         | ABDELMOUMEN   |           |                             |
| 24015318 | EL GUAMANY        | ABDELBASSET   |           |                             |
| 24014818 | EL GUARDDAA       | ZAKARIA       |           |                             |
| 23013728 | EL HACHEMY        | IMANE         |           |                             |
| 23013416 | EL HADJAoui       | CHAYMA        |           |                             |
| 19008631 | EL HAFIANI        | ABDELLAH      |           |                             |
| 24014493 | EL HAILAF         | YASMINE       |           |                             |
| 24015284 | EL HAOU           | SOKAYNA       |           |                             |
| 24015474 | EL HARTI          | HAMZA         |           |                             |
| 23012922 | EL HASNAOuy       | ETTAOUFIK     |           |                             |
| 24015114 | EL HOUMARI        | AYMANE        |           |                             |
| 24015313 | EL -IDRISSI       | ZAKARIA       |           |                             |
| 20002186 | EL JAZOULI        | ABDELWAHD     |           |                             |
| 21011850 | EL JEDAoui        | MOHAMED       |           |                             |
| 24014938 | EL KADIMI ESSAKLI | RACHID        |           |                             |
| 24015053 | EL MAKHFOUR       | HAJAR         |           |                             |
| 24015130 | EL MAKKINI        | MOHAMED-AMINE |           |                             |
| 24015342 | EL MANSOURI       | YOUSSEF       |           |                             |
| 24015163 | EL MASSAOUDI      | ABDELHAMID    |           |                             |
| 24015473 | EL MASSKINI       | ABDELOUAHAB   |           |                             |
| 24014711 | EL MAZOUAR        | MOHAMED       |           |                             |
| 24025227 | EL MERAK          | MAROUANE      |           |                             |
| 24014290 | EL MERS           | MARYEM        |           |                             |
| 24014407 | EL MESLAHY        | RACHID        |           |                             |
| 24015061 | EL MOTAOUAKKEL    | AYOUB         |           |                             |
| 21011261 | EL MOTAOUAKKEL    | SALMA         |           |                             |
| 24014334 | EL MOUATASSIM     | ILYAS         |           |                             |
| 24014259 | EL MOUDENE        | ABDELLAH      |           |                             |
| 24014578 | EL MOUDENE        | YOUNES        |           |                             |
| 24014607 | EL MOUFI          | KHADIJA       |           |                             |
| 23012339 | EL MOUQADIM       | YOUSSEF       |           |                             |
| 24015191 | EL ORF            | AMINE         |           |                             |
| 23012743 | EL OUADEH         | HICHAM        |           |                             |
| 24015132 | EL OUADRIMI       | SALMA         |           |                             |
| 24014442 | EL OURDI          | YASSINE       |           |                             |
| 21012461 | EL YATIM          | MANAL         |           |                             |
| 19008913 | EL YOUSOUFI       | TACHFINE      |           |                             |
| 24015283 | ELAABAR           | SAFA          |           |                             |
| 24014279 | ELAABDI           | SOUFIAN       |           |                             |

| Apogée   | Nom         | Prénom       | Groupe TP | TP1: Salle Info 4           |
|----------|-------------|--------------|-----------|-----------------------------|
|          |             |              |           | Date                        |
| 21011122 | ELAARABI    | YASSIR       | G5        | 28/04/2025 de 14h00 à 18h00 |
| 24015477 | ELAAZOUZI   | HALIMA       |           |                             |
| 21010669 | ELABIAD     | HAMZA        |           |                             |
| 24015461 | ELACHHAB    | AYOUB        |           |                             |
| 23042133 | ELASRY      | ZAINAB       |           |                             |
| 24015427 | ELBAHLOULI  | MOHAMMED     |           |                             |
| 24014681 | ELBALLAOUI  | ANAS         |           |                             |
| 16008128 | ELBERGUI    | HASSAN       |           |                             |
| 23013326 | ELBIZA      | AMAL         |           |                             |
| 24014461 | ELBOUHALI   | KHADIJA      |           |                             |
| 16008153 | ELGARANI    | MAJDA        |           |                             |
| 24014478 | ELGUARROUMI | MUSTAPHA     |           |                             |
| 24015110 | EL-HAKIMY   | HAFIDA       |           |                             |
| 24015365 | EL-HILALY   | ADAM         |           |                             |
| 24015033 | ELKADI      | ABDELLAH     |           |                             |
| 24015201 | ELKAICH     | MOHAMED      |           |                             |
| 24015484 | ELMALIANI   | MAROUANE     |           |                             |
| 22002638 | ELMEKKADEM  | ABDERRAHMANE |           |                             |
| 24015322 | ELMHADI     | ABDELHAMID   |           |                             |
| 24025260 | ELMRHAIRBAT | RACHID       |           |                             |
| 24015212 | ELORF       | ETTAHIR      |           |                             |
| 22007964 | EL-QADY     | KHADIJA      |           |                             |
| 24014658 | EN-NOUARY   | HIBA         |           |                             |
| 24014845 | ERRAZOUGUI  | KAOUTAR      |           |                             |
| 24015440 | ESSAKNI     | KAWTAR       |           |                             |
| 24014926 | ESSALAMI    | HANAN        |           |                             |
| 24015336 | ESSALEK     | ABDENNOUR    |           |                             |
| 24015464 | ES-SAMLAOUI | CHAYMA       |           |                             |
| 24015105 | ES-SARGHNY  | OSAMA        |           |                             |
| 24014760 | ESSARRAKH   | Hamza        |           |                             |
| 24015097 | ESSAYAD     | ZAKARIYA     |           |                             |
| 23013121 | ES-SAYYAD   | SOUAD        |           |                             |
| 22007539 | ETTAHIRI    | KHALID       |           |                             |
| 24015425 | ETTARKY     | LAILA        |           |                             |
| 24014494 | ET-TOUHYDY  | LARBI        |           |                             |
| 24014421 | EZZAARI     | AYA          |           |                             |
| 24014948 | EZ-ZAITOUNI | MOHAMED      |           |                             |
| 24014588 | EZZAOUIA    | HASNA        |           |                             |
| 24014249 | EZZARG      | KAWTAR       |           |                             |
| 24015015 | FAITOU      | OTMANE       |           |                             |
| 24015019 | FAKKAR      | HOSAM EDDINE |           |                             |
| 24014576 | FARID       | ANIR         |           |                             |
| 23013043 | FARISS      | MOHAMED REDA |           |                             |
| 24014265 | FATHALLAH   | AHMED        |           |                             |
| 21012368 | FHAD        | HICHAM       |           |                             |
| 17017548 | FOUH        | NADIA        |           |                             |
| 24014761 | GAOUZI      | AYMANE       |           |                             |
| 24015247 | GARDA       | EL MAHDI     |           |                             |
| 24014725 | GARMOU      | YOUNES       |           |                             |
| 20001585 | GDAHE       | AYYOUB       |           |                             |
| 24014447 | GHAFFOUR    | HANANE       |           |                             |
| 24025188 | GHARIB      | SOUFIANE     |           |                             |
| 24014750 | GHAZI       | HAJAR        |           |                             |
| 24014251 | GOUNAIN     | JALILA       |           |                             |
| 24014491 | GROUD       | MARYAMA      |           |                             |
| 23012659 | GUADIRI     | AYOUB        |           |                             |
| 24025150 | GUIMANE     | MUSTAPHA     |           |                             |
| 23012786 | HADID       | AHMED        |           |                             |
| 24014508 | HADIQ       | CHAIMA       |           |                             |
| 24014684 | HADIRI      | islam        |           |                             |
| 24015175 | HADRACHE    | FATIMA       |           |                             |
| 24015056 | HAIDOUNE    | AICHA        |           |                             |
| 24014918 | HAJJAJI     | MOHAMED      |           |                             |
| 24015226 | HAMANE      | RACHIDA      |           |                             |
| 23012364 | HAMRAD      | SAMIRA       |           |                             |
| 18014293 | HAMZA       | SAADIA       |           |                             |
| 24015467 | HARRAT      | YOUNESS      |           |                             |
| 24014330 | HENNOUZ     | YASSMINE     |           |                             |
| 23012980 | HEROICHE    | MOHAMED      |           |                             |
| 24014661 | HFOUD       | Younes       |           |                             |
| 24014307 | HIJRI       | ABDERRAHIM   |           |                             |
| 24015172 | HJAIB       | NOUHAILA     |           |                             |
| 24014779 | HMAITI      | Mohamed      |           |                             |
| 24014516 | HMIDOUCH    | HOUDA        |           |                             |
| 24015258 | HOUMMANI    | ISSAM        |           |                             |

| Apogée   | Nom           | Prénom        | Groupe TP | TP1: Salle Info P           |
|----------|---------------|---------------|-----------|-----------------------------|
|          |               |               |           | Date                        |
| 24014921 | HRAICH        | FATIMA ZAHRA  | G6        | 28/04/2025 de 14h00 à 18h00 |
| 22009203 | HSSINI        | ZINEB         |           |                             |
| 18014112 | HUISSIK       | HAMID         |           |                             |
| 24014944 | IBENJELLAL    | Chaymae       |           |                             |
| 24015370 | IBNOULMADI    | NOUHAILA      |           |                             |
| 23013198 | IBNY          | ABDELHAFID    |           |                             |
| 24015001 | ID AHMAD      | Youssef       |           |                             |
| 24014772 | ID ALI MOUSSA | HAJAR         |           |                             |
| 23012603 | ID SAID       | ABDELLAALI    |           |                             |
| 24014257 | ID SIDI BAHA  | MANAL         |           |                             |
| 22007756 | IDALI         | ABDELLAH      |           |                             |
| 24014969 | IDBAHA        | HANANE        |           |                             |
| 24014395 | IDBRAHIM      | KAWTAR        |           |                             |
| 23012852 | IDIKEN        | AYYOUB        |           |                             |
| 24014874 | IDIMA         | MOHAMED       |           |                             |
| 24014838 | IDMBAREK      | YOUSSEF       |           |                             |
| 18014058 | IDMESSAOUD    | YASSIN        |           |                             |
| 24014293 | IDOUDAOUD     | OMAR          |           |                             |
| 24014657 | IGUIDER       | AYOUB         |           |                             |
| 24015108 | IHASSANE      | ABDESSAMAD    |           |                             |
| 23013038 | IKRAIMITEN    | ELMAHDI       |           |                             |
| 24014545 | ILYASS        | ASHNOUNE      |           |                             |
| 24014710 | IOUAI         | ABDELAZIZ     |           |                             |
| 23012948 | IRAZANE       | OUMAIMA       |           |                             |
| 24014623 | IRIZI         | Abderrahim    |           |                             |
| 24014995 | IRIZI         | Hamid         |           |                             |
| 24014781 | ISSAM         | JENKAL        |           |                             |
| 23013560 | JAA           | ELBACHIR      |           |                             |
| 19009584 | JACHI         | IMRANE        |           |                             |
| 24015095 | JAMAA         | MOHAMED       |           |                             |
| 24014318 | JANBOUBI      | MOHAMMED      |           |                             |
| 20000648 | JARDANE       | MOHAMED       |           |                             |
| 24025234 | JELLAK        | HAJAR         |           |                             |
| 24014920 | JEZZARI       | TAOUFIK       |           |                             |
| 24015347 | JOUMANI       | AYOUB         |           |                             |
| 24014401 | KABBOUZ       | KHALED        |           |                             |
| 24014714 | KAHAJI        | DOUAA         |           |                             |
| 20001311 | KANBOUR       | FATIMA ZAHRA  |           |                             |
| 22007948 | KARCH         | MOHAMED       |           |                             |
| 24015428 | KENZAZ        | ABDELLATIF    |           |                             |
| 24025268 | KERROUM       | ABDELAZIZ     |           |                             |
| 24014422 | KHALAFI       | RACHID        |           |                             |
| 23012702 | KHALIBOUH     | IHSSANE       |           |                             |
| 24015357 | KHALYL        | WIJDANE       |           |                             |
| 24014954 | KHARBACH      | FATIMA ZAHRA  |           |                             |
| 24015471 | KHEMRANE      | HASNA         |           |                             |
| 24014966 | KHOURLCHA     | ABDESSAMAD    |           |                             |
| 24014294 | KOURCHANE     | AYMEN         |           |                             |
| 24025164 | KOURRA        | AICHA         |           |                             |
| 23012629 | KRIDISSE      | YOUSSEF       |           |                             |
| 22008887 | LAALIOUI      | MERYEM        |           |                             |
| 24014756 | LAANAIA       | MOHAMED AMINE |           |                             |
| 22008433 | LACHGUER      | ABDELALI      |           |                             |
| 24015043 | LACHHAB       | Abderrahim    |           |                             |
| 24014627 | LACHHEB       | FARAH         |           |                             |
| 24014932 | LAGHRISSI     | AMINE         |           |                             |
| 24014636 | LAGOUMIRI     | HAMZA         |           |                             |
| 24014555 | LAHFAS        | RIYAD         |           |                             |
| 24015167 | LAHJOUI       | AYA           |           |                             |
| 24014886 | LAHLAL        | ABDESSAMAD    |           |                             |
| 21012532 | LAHMAR        | MOHAMED       |           |                             |
| 24014285 | LAMKHATERT    | Zakariya      |           |                             |
| 24014300 | LAMSOUQI      | MARWANE       |           |                             |
| 24014515 | LASRI         | HIBA          |           |                             |
| 24014413 | LAYOUNI       | MOHAMED       |           |                             |
| 24015026 | LEBREK        | NASSIMA       |           |                             |
| 24014679 | LEMOUDEN      | MOUAD         |           |                             |
| 24014683 | LIMAMI        | AYOUB         |           |                             |
| 22007883 | LMOUDDEN      | NEZHA         |           |                             |
| 24014389 | LOUSSI        | Wafa          |           |                             |
| 24015197 | MADI          | YASSINE       |           |                             |
| 24014276 | MAFTOUH       | walid         |           |                             |
| 24015321 | MAGUERI       | MOUAAZ        |           |                             |
| 24015104 | MAHLA         | MOHAMMED      |           |                             |
| 24014884 | MAINA         | MOHAMED       |           |                             |

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|----------|----------------|----------------|-----------|-----------------------------|
|          |                |                |           | Date                        |
| 24011147 | MAIRA          | MOHAMED        | G7        | 29/04/2025 de 14h00 à 18h00 |
| 24015444 | MAKHROUB       | HAMID          |           |                             |
| 24014765 | MAKOUT         | ABDELLAH       |           |                             |
| 24014842 | MALAOU         | KHALID         |           |                             |
| 24014345 | MALLAK         | KHAWLA         |           |                             |
| 23013599 | MAMZE          | MOHSSINE       |           |                             |
| 24014797 | MANSOURI       | HAYTAM         |           |                             |
| 23013313 | MARIS          | LAHOUCINE      |           |                             |
| 24014383 | MARISSE        | BADR           |           |                             |
| 23013669 | MARSI          | ISSA           |           |                             |
| 23002695 | MARZOUG        | AYA            |           |                             |
| 24015470 | MASSBALI       | FATIMA-EZZAHRA |           |                             |
| 24015433 | MEGDAZ         | TARIK          |           |                             |
| 24015426 | MERDI          | IMANE          |           |                             |
| 24015262 | MERZOUGUI      | NAIMA          |           |                             |
| 24014613 | MEZEY          | MOHAMED        |           |                             |
| 24014716 | MHAIBEK        | ABDESSAMAD     |           |                             |
| 22007884 | M'HAMDI        | SAID           |           |                             |
| 23012385 | M'HIDRA        | KAWTAR         |           |                             |
| 24014997 | MIJ            | BRAHIM         |           |                             |
| 24014972 | MILAL          | Yassine        |           |                             |
| 23013432 | MISSOURI       | HASSNAE        |           |                             |
| 23013647 | MIAHDI         | MANAR          |           |                             |
| 24015330 | MOKHTARI       | HANANE         |           |                             |
| 23013584 | MORTAJIL       | ILYAS          |           |                             |
| 24014592 | MOUDIA         | SOUKAINA       |           |                             |
| 24014993 | MOUHID         | RAYANE         |           |                             |
| 23013696 | MOUINI         | MANAL          |           |                             |
| 24014323 | MOUJAHID       | HAMZA          |           |                             |
| 22007549 | MOUJAHID       | HAYTAM         |           |                             |
| 24014547 | MOUJIR         | OUMAYMA        |           |                             |
| 24015455 | MOUKHLIS       | RACHID         |           |                             |
| 24025187 | MOULAHID       | HAUSA          |           |                             |
| 20000753 | MOUMMED        | NADIA          |           |                             |
| 24015125 | MOUNJI         | HAMZA          |           |                             |
| 24015235 | MOURCHID       | ALI            |           |                             |
| 24015309 | MOUSTACH       | OUSSAMA        |           |                             |
| 24015310 | MZIRDA         | SARA           |           |                             |
| 24014609 | NAAIM          | MUSTAPHA       |           |                             |
| 24015329 | NAAMANI        | AYA            |           |                             |
| 24014631 | NAIT BIHI      | OUSSAMA        |           |                             |
| 21012568 | NAIT BIHI      | SAID           |           |                             |
| 24015452 | N'AIT BOULMANE | CHAFIQ         |           |                             |
| 24015333 | NASSI          | MOHAMED        |           |                             |
| 24014507 | NCHIOUA        | SALMA          |           |                             |
| 21012857 | NID YOUS       | ABDELLAH       |           |                             |
| 21014442 | NOUJOUR        | FATIMA EZZAHRA |           |                             |
| 24025175 | NOUR           | MOHAMED        |           |                             |
| 24014799 | OKZAZ          | Ayoub          |           |                             |
| 24015210 | OUABILLA       | BOUJAMA        |           |                             |
| 24015397 | OUAHBI         | SARA           |           |                             |
| 24015416 | OUAHIB         | LOUBNA         |           |                             |
| 24014625 | OUAHMAN        | IBRAHIM        |           |                             |
| 24015196 | OUAHRIR        | Mohamed        |           |                             |
| 24014605 | OUAHSOUNI      | HICHAM         |           |                             |
| 21012601 | OUAKENNOU      | ABDELAZIZ      |           |                             |
| 23013417 | OUALYAD        | NASSIMA        |           |                             |
| 24025158 | OUAZIM         | ANOUAR         |           |                             |
| 24014538 | OUBELLA        | Abdessamad     |           |                             |
| 24014295 | OUBEN ALI      | KHALID         |           |                             |
| 24015409 | OUBENASSER     | KHADIJA        |           |                             |
| 24014418 | OUBLOUCH       | ABDALLAH       |           |                             |
| 24015244 | OUBOUTHSE      | ABDELLATIF     |           |                             |
| 24014806 | OUBREIK        | BRAHIM         |           |                             |
| 24015087 | OUBREIK        | HANANE         |           |                             |
| 24014619 | OUCHAH         | EL HOUCINE     |           |                             |
| 24014873 | OUCHATRE       | SALMA          |           |                             |
| 24014521 | OUCHELLA       | KAWTHAR        |           |                             |
| 24014822 | OUCHEN         | FATIHA         |           |                             |
| 24014339 | OUCHEN         | MOHAMED        |           |                             |
| 24014303 | OUFARIS        | ILYASS         |           |                             |
| 22033638 | OUGAZDAMOU     | KHALID         |           |                             |
| 24015419 | OUHAMOU        | OUSSAMA        |           |                             |
| 23013468 | OUHASSI        | YASSINE        |           |                             |
| 24014871 | OUMAMAA        | HANANE         |           |                             |

| Apogée   | Nom           | Prénom        | Groupe TP | TP1: Salle Info 4           |
|----------|---------------|---------------|-----------|-----------------------------|
|          |               |               |           | Date                        |
| 24015156 | OUJAMAA       | MALIKA        | G8        | 29/04/2025 de 14h00 à 18h00 |
| 24025225 | OUKAYA        | SABRINE       |           |                             |
| 24015138 | OUKHAY        | ABDELOUAHED   |           |                             |
| 24025247 | OULGAIL       | OMAR          |           |                             |
| 20001069 | OULKABOUS     | RACHID        |           |                             |
| 24015328 | OUMAI         | AYOUB         |           |                             |
| 24014897 | OUMAIMA       | Aouam         |           |                             |
| 24025262 | OUROUD        | ZAKARIA       |           |                             |
| 24014652 | OUSALAH       | FARAH         |           |                             |
| 24015422 | OUSALAH       | HATIM         |           |                             |
| 23012794 | OUTADLI       | MARYAME       |           |                             |
| 24014738 | OUTAMENT      | OUSSAMA       |           |                             |
| 24014705 | OUTAZGUI      | Youssef       |           |                             |
| 24015040 | OUTEMGUISTINE | HIBA          |           |                             |
| 24014961 | OUTIANE       | BRAHIM        |           |                             |
| 24012135 | OUTMOUHINE    | HASNA         |           |                             |
| 22007929 | OUTRANT       | AYYOUB        |           |                             |
| 19010317 | OUZIDAN       | FATIMA        |           |                             |
| 24014346 | QCHIR         | ABDELAZIZ     |           |                             |
| 24014991 | QCHIR         | ABDESSAMAD    |           |                             |
| 24014417 | QUOSSOR       | MOHAMED       |           |                             |
| 24025205 | RACHDI        | FATIMA        |           |                             |
| 23013704 | RADI          | OUSSAMA       |           |                             |
| 24015058 | RADOUANE      | MARIA         |           |                             |
| 24015254 | RAISS         | ISMAIL        |           |                             |
| 23012586 | RARHOUA       | ABDE RRAHIM   |           |                             |
| 24015028 | RAZZOUKI      | MARYEM        |           |                             |
| 23013270 | RGUITI        | ABDELLATIF    |           |                             |
| 23013729 | ROUAIBA       | HAITAM        |           |                             |
| 24015358 | RTAIMI        | AYYOUB        |           |                             |
| 24014971 | SAADAOUI      | LATIFA        |           |                             |
| 24014369 | SAADAOUI      | SOUAD         |           |                             |
| 24015220 | SAAYDI        | FARAH         |           |                             |
| 24014472 | SAAYED        | MOHAMED       |           |                             |
| 20001466 | SABOTAR       | OUIDAD        |           |                             |
| 21011615 | SADIKI        | ABDELMOUNIIM  |           |                             |
| 24025270 | SADOUK        | ELHASSAN      |           |                             |
| 24015291 | SALAM         | ABDELOUAHAB   |           |                             |
| 24014975 | SALIM         | LAHOUCINE     |           |                             |
| 24014601 | SARROUKH      | HAJAR         |           |                             |
| 24014268 | SEBAR         | LAHCEN        |           |                             |
| 24001074 | SGHIR         | ABDERRAHMAN   |           |                             |
| 24014707 | SGHIR         | MOHAMED AMINE |           |                             |
| 23012833 | SHIMI         | OUMAIMA       |           |                             |
| 21010679 | SIADI         | TARIK         |           |                             |
| 24015034 | SOULAYMANI    | Abdelhadi     |           |                             |
| 22026710 | SOMMER        | SAID          |           |                             |
| 23012552 | TAAZZA        | HOUDAIFA      |           |                             |
| 24015192 | TADDA         | TAOUFIQ       |           |                             |
| 24014864 | TAFSOUT       | ANOIR         |           |                             |
| 23012319 | TAGHAZOUT     | IMANE         |           |                             |
| 24025166 | TAIFOUR       | MOHAMED-AMINE |           |                             |
| 24014332 | TAMJISS       | OUMAYMA       |           |                             |
| 24015245 | TAOUFIQ       | AAMRI         |           |                             |
| 24014376 | TARFA         | AYOUB         |           |                             |
| 22008653 | TATA          | FATIMA-ZAHRA  |           |                             |
| 24015071 | TIH           | HAMZA         |           |                             |
| 24014296 | TIMOUYASI     | SARA          |           |                             |
| 24015450 | TOUIL         | KHAWLA        |           |                             |
| 23012312 | TOUIL         | MOHAMED       |           |                             |
| 16005103 | YACINI        | NABIL         |           |                             |
| 24015385 | YOUNES        | DAOUALI       |           |                             |
| 24014581 | YSBAR         | ZAKARIA       |           |                             |
| 24025209 | ZAHID         | AYOUB         |           |                             |
| 24015408 | ZARBANE       | MOUAD         |           |                             |
| 22008369 | ZEBBARA       | REDA          |           |                             |
| 22008180 | ZEHOUANI      | ABDELLAH      |           |                             |
| 24015323 | ZEROUAL       | SAMIRA        |           |                             |
| 24025194 | ZEROUAL       | ISSAM         |           |                             |
| 23012540 | ZIANE         | NADIA         |           |                             |
| 24015072 | ZIKIM         | ADIL          |           |                             |
| 23012804 | ZIKRI         | KHADJIA       |           |                             |
| 24014485 | ZIZI          | SOMAYYA       |           |                             |