Base de données

Chapitre 1- Introduction aux bases de données

Informatique

```
Mines Ponts 2016
                                                                          ORDER BY cas DESC)
                                                             ORDER BY cas DESC;
Question 1
Cléfs primaires pour palu : (nom, année); (iso, année).
                                                       SELECT nom, MAX(cas)
                                                             FROM palu
Question 2
                                                             WHERE annee = 2010 AND cas != (
                                                                          SELECT MAX(cas)
                                                                          FROM palu
SELECT * FROM palu
                                                                          WHERE annee = 2010);
      WHERE aneee = 2010 AND deces >= 1000;
                                                       Question 5
Question 3
                                                          sorted(deces2010, key=lambda col: col[1])
SELECT nom,cas*100000/pop
      FROM palu
                                                       Centrale Supelec 2018
      JOIN demographie
      ON palu.iso=demographie.pays
                                                       Question 1
      WHERE annee = 2011 AND periode = 2011;
SELECT nom,cas*100000/pop
                                                       SELECT SI DIM, COUNT(*)
      FROM palu
                                                             FROM SIMULATION
      JOIN demographie
                                                             GROUP BY SI_DIM;
      ON palu.iso=demographie.pays
            AND palu.annee=demographie.periode
      WHERE annee = 2011;
                                                       Question 2
Question 4
                                                       SELECT SI_NUM, COUNT(*), AVG(RE_VIT)
                                                             FROM REBOND
                                                             GROUP BY SI_NUM;
SELECT nom, cas
      FROM palu
      WHERE annee = 2010
                                                       Question 3
      ORDER BY cas DESC
      LIMIT 1 OFFSET 1;
                                                       SELECT RE_DIR, (2*PA_M*RE_VP)
SELECT nom, MAX(cas)
                                                             FROM PARTICULE AS PART
      FROM palu
                                                             JOIN REBOND AS REB
      WHERE annee = 2010 AND cas != (
                                                             ON PART.PA_NUM = REB.PA_NUM
                   SELECT MAX(cas)
                                                             WHERE SIMU.SI_NUM = n
                   FROM palu
                                                             GROUP BY RE_NUM
                   WHERE annee = 2010
```