

## réponses Chapitre 15

## Q1

```
SELECT nom, prenom, devoir, part_1+part_2 as note_gen
FROM notes
JOIN identité ON identité.rowid=notes.élèves
```

## Q2

```
SELECT nom,prenom, devoir, MIN(note_gen) as note_mini
FROM(
SELECT nom, prenom, devoir, part_1+part_2 as note_gen
FROM notes
JOIN identité ON identité.rowid=notes.élèves)
GROUP BY nom, prenom
```

## Q3

```
SELECT notes.rowid, Nom, prenom, devoir, type, MIN(part_1+part_2) as min_note
FROM notes
JOIN identité ON identité.rowid=notes.élèves
JOIN Devoir_conf ON Devoir_conf.rowid=notes.Devoir
JOIN Devoir_type ON Devoir_conf.type_num=Devoir_type.rowid
GROUP BY Nom, Prenom, type_num
```

## 4

```
SELECT Nom, prenom, devoir, type, ROUND(SUM((part_1+part_2)*coefficient)/SUM(coefficient),2) as moyenne
FROM notes
JOIN identité ON identité.rowid=notes.élèves
JOIN Devoir_conf ON Devoir_conf.rowid=notes.Devoir
JOIN Devoir_type ON Devoir_conf.type_num=Devoir_type.rowid
GROUP BY Nom, Prenom
```

## 5

```
SELECT Nom, prenom, devoir, type, ROUND(SUM((part_1+part_2)*coefficient)/SUM(coefficient),2) as moyenne
FROM notes
JOIN identité ON identité.rowid=notes.élèves
JOIN Devoir_conf ON Devoir_conf.rowid=notes.Devoir
JOIN Devoir_type ON Devoir_conf.type_num=Devoir_type.rowid
WHERE NOT notes.rowid IN (SELECT rowid
FROM(
SELECT notes.rowid, Nom, prenom, devoir, type, MIN(part_1+part_2) as m_note
FROM notes
JOIN identité ON identité.rowid=notes.élèves
JOIN Devoir_conf ON Devoir_conf.rowid=notes.Devoir
JOIN Devoir_type ON Devoir_conf.type_num=Devoir_type.rowid
GROUP BY Nom, Prenom, type_num))
GROUP BY Nom, Prenom
```