

Exercise 1

- 1) SELECT nom FROM villes WHERE Region='Aquitaine' ORDER BY Habitants
- 2) SELECT MAX(Code) FROM villes WHERE Region='Bretagne'
- 3) SELECT * FROM Villes WHERE Cle NOT IN (SELECT Capitale FROM Regions)
- 4) SELECT nom FROM villes WHERE Region='Bretagne' AND Habitants > (SELECT AVG(Habitants) FROM villes WHERE Region='Bretagne')
- 5) SELECT Nom,Region,Habitants FROM villes WHERE Region='Alsace' or Habitants>100000
- 6) SELECT Nom, Habitants FROM Villes WHERE Region = 'Alsace' AND NOT (Habitants > 200000)

Exercise 2

Question 1

- 1) SELECT COUNT(*) FROM triangles
- 2) SELECT * FROM triangles WHERE ab+bc+ac=100
- 3) SELECT COUNT(*) FROM triangles WHERE ab+bc+ac>100

Question 2

- ```
SELECT MIN(ab*bc*ac) FROM triangles WHERE ab+ac+bc>100
SELECT ab,ac,bc,MIN(ab*bc*ac) FROM triangles WHERE ab+ac+bc>100
SELECT * FROM triangles WHERE ab*ab+ac*ac=bc*bc
SELECT COUNT(*) FROM triangles WHERE ab*ab+ac*ac=bc*bc
SELECT MAX(ab+ac+bc) FROM triangles WHERE ab*ab+ac*ac=bc*bc
SELECT * FROM triangles WHERE ab=bc AND ab=ac
```

## Exercise 3

- ```
SELECT * FROM cafe WHERE nom LIKE '%Cantal%'
SELECT * FROM cafe WHERE adresse LIKE '75006'
```