

SQL Gaulois :

- **exo_1 :**

```
SELECT lieu.NOM_LIEU, COUNT(villageois.ID_LIEU) AS nb_habitants
FROM villageois, lieu
WHERE villageois.ID_LIEU = lieu.ID_LIEU
GROUP BY lieu.NOM_LIEU
ORDER BY nb_habitants DESC
```

NOM_LIEU	nb_habitants
Village gaulois	13
Babaorum	9
En mer	8
Champs de Nioutechnologix	5
Laudanum	4
3e chene a droite de la carriere	4
Grottes	2
Oposum	1

- **exo_2 :**

```
SELECT villageois.NOM, specialite.NOM_SPECIALITE, lieu.NOM_LIEU
FROM villageois, specialite, lieu
WHERE villageois.ID_SPECIALITE = specialite.ID_SPECIALITE
AND villageois.ID_LIEU = lieu.ID_LIEU
ORDER BY villageois.NOM ASC
```

NOM	NOM_SPECIALITE	NOM_LIEU
Abraracourcix	Guerrier	Village gaulois
Acidenitrix	Espion	En mer
Agecanonix	Villageois	Village gaulois
Alambix	Marchand	Champs de Nioutechnologix
Allegorix	Guerrier	Babaorum
Amerix	Artisan	Babaorum
Amnesix	Druide	Babaorum
Analgesix	Guerrier	En mer
Antibiotix	Marchand	3e chene a droite de la carriere
Aplusbegalix	Guerrier	Babaorum
Appatix	Villageois	3e chene a droite de la carriere
Arrierboutix	Marchand	3e chene a droite de la carriere
Assurancetourix	Barde	Village gaulois
Asterix	Guerrier	Village gaulois
Asthmatic	Villageois	En mer
Astronomix	Guerrier	Laudanum
Aventurepix	Guerrier	Laudanum
Barometrix	Druide	Village gaulois
Carferrix	Artisan	Champs de Nioutechnologix
Catedralgotix	Villageois	Babaorum
Cetautomatix	Artisan	Village gaulois
Choucroutgarnix	Villageois	En mer
Diagnostix	Druide	Laudanum
Dithyrambix	Villageois	Babaorum
Goudurix	Villageois	Village gaulois

- **exo_3 :**

```
SELECT specialite.NOM_SPECIALITE, COUNT(villageois.ID_SPECIALITE) AS nb_habitants
FROM villageois, specialite
WHERE villageois.ID_SPECIALITE = specialite.ID_SPECIALITE
GROUP BY specialite.NOM_SPECIALITE
ORDER BY nb_habitants DESC
```

NOM_SPECIALITE	nb_habitants
Guerrier	15
Marchand	9
Villageois	8
Artisan	6
Druide	4
Espion	2

Barde	1
Porteur de Mehnir	1

- **exo_4 :**

```
SELECT bataille.NOM_BATAILLE, lieu.NOM_LIEU, DATE_FORMAT(bataille.DATE_BATAILLE, "%d-%m-%Y")
FROM bataille, lieu
WHERE bataille.ID_BATAILLE = lieu.ID_LIEU
ORDER BY bataille.DATE_BATAILLE DESC
```

NOM_BATAILLE	NOM_LIEU	DATE_FORMAT(bataille.DATE_BATAILLE, "%d-%m-%Y")
Laudanum	Laudanum	05-12-0050
Booldechwingum	Oposum	02-12-0050
Legion XII	En mer	08-10-0050
Babaorum	Babaorum	15-09-0050
Cohorte III	Champs de Nioutechnologix	01-09-0050
Bataille gauloise	Village gaulois	09-07-0050
Cohorte VI	3e chene a droite de la carriere	03-06-0050
Mercenaires	Grottes	31-05-0050

- **EXO_5 :**

```
SELECT p.NOM_POTION, SUM(i.COUT_INGREDIENT * c.QTE) AS cout_potion
FROM potion AS p, ingredient AS i, compose AS c
WHERE p.ID_POTION = c.ID_POTION
AND c.ID_INGREDIENT = i.ID_INGREDIENT
GROUP BY p.NOM_POTION
ORDER BY cout_potion DESC
```

NOM_POTION	cout_potion
Magique	3245.5
Potion VII	1297
Potion V	1277
Potion IX	1023
Rajeunissement II	937
Potion VIII	896
Soupe	844
Assouplissement	784
Intelligence	544
Rajeunissement	382.5
Santé	265
Potion III	254
Potion I	234
Potion IV	206
Invisibilité	184
Assouplissement II	141
Potion VI	86
Potion II	74
Force	48
Vitesse	33

- **exo_6 :**

```
SELECT i.NOM_INGREDIENT, i.COUT_INGREDIENT, c.QTE
FROM ingredient AS i, compose AS c, potion AS p
WHERE 'Potion V' = p.NOM_POTION
AND p.ID_POTION = c.ID_POTION
AND c.ID_INGREDIENT = i.ID_INGREDIENT
```

NOM_INGREDIENT	COUT_INGREDIENT	QTE
Noix St Jacques	12	97
Courgette	3	1
Salamandre	10	11

- **exo_7 :**

```
SELECT v.NOM, SUM(pc.QTE) as plus
FROM villageois AS v, bataille AS b, prise_casque as pc
WHERE v.ID_VILLAGEOIS = pc.ID_VILLAGEOIS
AND pc.ID_BATAILLE = b.ID_BATAILLE
AND b.NOM_BATAILLE = 'Babaorum'
GROUP BY v.NOM
ORDER by plus DESC
LIMIT 1
```

NOM	plus
Obelix	30

- **exo_8 :**

```
SELECT v.NOM, sum(b.DOSE) as bue
FROM villageois AS v
INNER JOIN boit AS b ON v.ID_VILLAGEOIS = b.ID_VILLAGEOIS
GROUP BY v.NOM
ORDER BY bue DESC
```

NOM	bue
Abraracourcix	77
Acidenitrix	76
Diagnostix	49
Carferrix	48
Agecanonix	47
Pneumatix	43
Alambix	40
Astronomix	40
Amnesix	38
Appatix	37
Asthmatix	35
Petisuix	33
Allegorix	30
Cetautomatix	29
Herettix	28
Plantaquatix	25
Antibiotix	21
Analgesix	20
Orthopedix	10
Aplusbegalix	9
Arrierboutix	6

- **exo_9 :**

```
SELECT b.NOM_BATAILLE, SUM(pc.QTE) AS nb_casque
FROM bataille AS b
INNER JOIN prise_casque AS pc ON b.ID_BATAILLE = pc.ID_BATAILLE
GROUP BY b.NOM_BATAILLE
ORDER BY nb_casque DESC
LIMIT 1
```

NOM_BATAILLE	nb_casque
Babaorum	62

- **exo_10 :**

```

SELECT tc.NOM_TYPE_CASQUE, COUNT(c.ID_TYPE_CASQUE) AS nb_casque,
SUM(c.COUT_CASQUE) AS cout_total
FROM type_casque AS tc
      INNER JOIN casque AS c ON tc.ID_TYPE_CASQUE = c.ID_TYPE_CASQUE
GROUP BY tc.NOM_TYPE_CASQUE
ORDER BY nb_casque DESC

```

NOM_TYPE_CASQUE	nb_casque	cout_total
Romain	5	4016
Autre	3	6003
Grec	2	1982

- **exo_11 :**

```

SELECT p.NOM_POTION
FROM potion AS p
      INNER JOIN compose AS c
ON p.ID_POTION = c.ID_POTION
      INNER JOIN ingredient AS i
ON i.ID_INGREDIENT = c.ID_INGREDIENT
WHERE i.NOM_INGREDIENT = 'Cerise'

```

NOM_POTION
 Magique
 Santé
 Invisibilité
 Potion VIII

- **exo_12 :**

```

SELECT l.NOM_LIEU
FROM lieu AS l
WHERE l.ID_LIEU = (
  SELECT v.ID_LIEU
  FROM villageois AS v
  GROUP BY l.NOM_LIEU
  HAVING COUNT(v.ID_LIEU) > 1
)
ORDER BY COUNT(l.ID_LIEU)

```

NOM_LIEU
 Village gaulois

- **exo_13 :**

```

SELECT v.NOM
FROM villageois AS v
WHERE NOT EXISTS(
  SELECT b.ID_VILLAGEOIS
  FROM boit AS b
  WHERE v.ID_VILLAGEOIS = b.ID_VILLAGEOIS)

```

NOM
 Obelix
 Panoramix
 Assurancetourix
 Asterix
 Amerix
 Aventurepix
 Catedralgotix

Choucroutgarnix
Tournedix
Dithyrambix
Industrichimix
Mineralogix
Zerozerosix
Ordralfabetix
Porquepix
Pronostix
Quatredeuxsix
Salamix
Selfservix
Lentix
Goudurix
Plaintcontrix
Barometrix
Taxesurleprix
Tragicomix

- **exo_14 :**

```
SELECT l.NOM_LIEU  
FROM lieu AS l  
WHERE l.NOM_LIEU LIKE '%um'
```

NOM_LIEU
Babaorum
Laudanum
Oposum

- **exo_15 :**

```
SELECT v.NOM  
FROM villageois AS v  
    INNER JOIN peut AS p  
    ON v.ID_VILLAGEOIS = p.ID_VILLAGEOIS  
WHERE p.A_LE_DROIT = 0
```

NOM
Obelix