

Éléments de correction

3.1. SELECT DISTINCT titleType FROM title_basics

3.2. SELECT COUNT(*) FROM title_basics

3.3. SELECT startYear FROM title_basics WHERE primaryTitle = 'The Godfather'

3.4. SELECT startYear FROM title_basics
WHERE primaryTitle = 'Superman' AND titleType = 'movie'
ORDER BY startYear LIMIT 1
ou
SELECT MIN(startYear) FROM title_basics
WHERE primaryTitle = 'Superman' AND titleType = 'movie'

3.5. SELECT originalTitle FROM title_basics
JOIN title_akas ON tconst = titleId
WHERE title = 'Les dents de la mer'
ou
SELECT ta.title FROM title_akas ta
JOIN title_akas tb ON ta.titleId = tb.titleId
WHERE ta.isOriginalTitle = 1
AND tb.title = 'Les dents de la mer';

3.6. SELECT primaryProfession FROM name_basics
WHERE primaryName = 'Olivier Nakache'

3.7. SELECT originalTitle FROM title_basics
JOIN title_principals USING (tconst)
JOIN name_basics USING (nconst)
WHERE primaryName = 'Olivier Nakache'

3.8. SELECT primaryTitle, numVotes
FROM title_basics
JOIN title_ratings
USING (tconst)
WHERE numVotes = (SELECT MAX(numVotes)
FROM title_ratings)
ou
SELECT primaryTitle, numVotes
FROM title_basics
JOIN title_ratings
USING (tconst)
ORDER BY numVotes DESC LIMIT 1

- 3.9.** SELECT primaryTitle FROM title_basics
 JOIN title_ratings USING(tconst)
 WHERE averageRating > 9 AND titleType = 'movie'
- 3.10.** SELECT Count(*) FROM title_basics WHERE runtimeMinutes > 180 and titleType = 'movie'
- 3.11.** SELECT AVG(runtimeMinutes) FROM title_basics WHERE titleType = 'movie'
- 3.12.** SELECT * FROM title_basics
 WHERE titleType = 'movie'
 AND runtimeMinutes = (SELECT MAX(runtimeMinutes)
 FROM title_basics
 WHERE titleType = 'movie')
- ou
- SELECT * FROM title_basics WHERE titleType = 'movie' ORDER BY runtimeMinutes DESC LIMIT 1
- 3.13.** SELECT * FROM title_basics WHERE titleType = 'movie' ORDER BY runtimeMinutes DESC LIMIT 5
- 3.14.** SELECT * FROM title_basics
 WHERE titleType = 'movie' AND tconst NOT IN (SELECT tconst FROM title_basics
 WHERE titleType = 'movie'
 ORDER BY runtimeMinutes DESC LIMIT 1)
 ORDER BY runtimeMinutes DESC LIMIT 1
- ou tout simplement
- SELECT * FROM title_basics WHERE titleType = 'movie' ORDER BY runtimeMinutes DESC LIMIT 1,1
- 3.15.** SELECT primaryName, COUNT(tconst) FROM name_basics
 JOIN title_principals USING(nconst)
 WHERE category = 'actor' OR category = 'actress'
 GROUP BY primaryName
 HAVING COUNT(tconst) > 20
- 3.16.** SELECT DISTINCT primaryName
 FROM name_basics
 JOIN title_directors
 ON nconst = directors
 JOIN title_basics
 USING (tconst)
 WHERE startYear = 1984 AND titleType = 'movie'

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3.17. SELECT primaryName
        FROM name_basics
        JOIN title_directors
        ON nconst = directors
        JOIN title_basics
        USING (tconst)
        WHERE titleType = 'movie'
        GROUP BY primaryName
        HAVING MIN(startYear) = 1984 AND MAX(startYear) = 1984

```

Ou

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SELECT primaryName
FROM name_basics
JOIN title_directors
ON nconst = directors
JOIN title_basics
USING (tconst)
WHERE titleType = 'movie' AND startYear = 1984
  AND primaryName NOT IN (SELECT primaryName
                          FROM name_basics
                          JOIN title_directors
                          ON nconst = directors
                          JOIN title_basics
                          USING (tconst)
                          WHERE titleType = 'movie' AND startYear <> 1984)

```

Ou

```

SELECT primaryName
FROM name_basics
JOIN title_directors
ON nconst = directors
JOIN title_basics
USING (tconst)
WHERE titleType = 'movie' AND startYear = 1984
  EXCEPT
SELECT primaryName
FROM name_basics
JOIN title_directors
ON nconst = directors
JOIN title_basics
USING (tconst)
WHERE titleType = 'movie' AND startYear <> 1984

```

3.18. SELECT primaryName, AVG(averageRating) AS avgrat
FROM name_basics
JOIN title_directors
ON nconst = directors
JOIN title_ratings
USING (tconst)
GROUP BY primaryName
ORDER BY avgrat DESC
LIMIT 10

3.19. SELECT primaryName, AVG(averageRating) AS avgrat
FROM name_basics
JOIN title_directors
ON nconst = directors
JOIN title_ratings
USING (tconst)
GROUP BY primaryName
HAVING Count(tconst) > 5
ORDER BY avgrat DESC
LIMIT 10

3.20. SELECT primaryName
FROM name_basics nb
JOIN title_writers tw ON nb.nconst = tw.writers
JOIN title_basics tb ON tb.tconst = tw.tconst
WHERE primaryTitle = 'Taxi' AND startYear = 1998

3.21. SELECT primaryName, category, job
FROM name_basics
JOIN title_principals USING (nconst)
JOIN title_basics USING (tconst)
WHERE primaryTitle LIKE '%Return of the Jedi%'

3.22. SELECT primaryName FROM name_basics
JOIN title_principals USING(nconst)
JOIN title_ratings USING(tconst)
WHERE (category = 'actor' OR category = 'actress')
GROUP BY primaryName
HAVING COUNT(tconst) > 5 AND MIN(averageRating) > 7.5

3.23. SELECT * FROM title_basics
JOIN title_ratings USING(tconst)
WHERE titleType = 'movie' AND genres = 'Comedy,Romance'
ORDER BY averageRating DESC LIMIT 5

Autre interprétation possible :

```
SELECT * FROM title_basics
JOIN title_ratings USING(tconst)
WHERE titleType = 'movie' AND genres LIKE '%Comedy%Romance%'
ORDER BY averageRating DESC LIMIT 5
```

On obtient aussi les films du type Comedy, Musical, Romance, ou Comedy,Drama,Romance...

```
3.24. SELECT * FROM title_basics
JOIN title_ratings USING(tconst)
WHERE titleType = 'movie' AND genres LIKE '%Animation%'
ORDER BY averageRating DESC LIMIT 10
```

```
3.25. SELECT primaryTitle FROM title_basics tb
JOIN name_titles nt ON tb.tconst = nt.knownForTitles
JOIN name_basics nb ON nt.nconst = nb.nconst
WHERE primaryName = 'Sean Connery'
```

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3.26. SELECT primaryName, primarytitle
FROM name_basics
JOIN title_principals USING(nconst)
JOIN title_basics USING (tconst)
WHERE characters LIKE '%James Bond%' AND titleType='movie'
```

```
3.27. SELECT primaryName, primaryTitle FROM name_basics nb
JOIN title_directors td ON nb.nconst = td.directors
JOIN title_basics tb ON tb.tconst = td.tconst
JOIN title_ratings tr ON tr.tconst = tb.tconst
WHERE titleType = 'movie'
ORDER BY averageRating DESC LIMIT 5
```

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3.28. SELECT tb1.primaryTitle
FROM title_basics tb1
JOIN title_episode te ON te.tconst = tb1.tconst
JOIN title_basics tb2 ON te.parentTconst = tb2.tconst
WHERE tb2.primaryTitle = 'Game of Thrones'
```