Exercice 1 :

CREATE TABLE fiche\_film

(

id INT PRIMARY KEY NOT NULL AUTO\_INCREMENT,

titre VARCHAR(255),

duree\_en\_minutes INT  
date\_de\_sortie INT

)

INSERT INTO fiche\_film (titre, duree\_en\_minutes, date\_de\_sortie)

VALUES

('The Gentlemen', 113, 2020),

('Kuzco', 75, 2000), ('Joker', 122, 2019),

('Sweeney todd', 116, 2007),

('Pincesse mononoké', 134, 1997);

DELETE FROM fiche\_film

WHERE date\_de\_sortie < 2010

AND duree\_en\_minutes < 120 ;

EXERCICE 2 :

1-

SELECT ville\_nom\_reel, ville\_surface

FROM villes\_france\_free

ORDER BY ville\_surface ASC

LIMIT 5

2-

SELECT ville\_code\_postal, ville\_population\_2012

FROM villes\_france\_free

ORDER BY ville\_population\_2012 DESC

LIMIT 15

3-

SELECT ville\_departement, ville\_nom\_reel

FROM villes\_france\_free

WHERE ville\_nom\_reel LIKE 'P%'

4-  
SELECT ville\_departement, SUM(ville\_population\_2012)

FROM villes\_france\_free

GROUP BY ville\_departement;

5-

SELECT ville\_nom\_reel

FROM villes\_france\_free WHERE ville\_population\_1999 > 20000

6-

UPDATE villes\_france\_free

SET ville\_longitude\_dms = REPLACE(ville\_longitude\_dms, '+', '\*');

7-

SELECT REVERSE (departement\_nom) as nom\_inverse

FROM departement

WHERE departement\_code LIKE '97%'

8-

SELECT villes\_france\_free.ville\_nom\_reel, villes\_france\_free.ville\_surface, departement.departement\_nom

FROM villes\_france\_free

INNER JOIN departement

ON ville\_id = departement\_id

ORDER BY ville\_surface DESC

LIMIT 5;

9-

SELECT v.ville\_departement, d.departement\_nom, SUM(v.ville\_population\_2010) AS departement\_population

FROM villes\_france\_free AS v

LEFT JOIN departement AS d

ON v.ville\_departement = d.departement\_code

GROUP BY v.ville\_departement, d.departement\_nom

ORDER BY departement\_population DESC LIMIT 5;

EXERCICE 3

1-

SELECT

p.modele,

m.nom\_marque,

c.nom\_categorie

FROM

Produits AS p

JOIN

Marques AS m ON p.id\_marque = m.id\_marque

JOIN

categories AS c ON p.id\_categorie = c.id\_categorie;

2-

DELETE FROM produits

WHERE id\_marque = (

SELECT id\_marque FROM marques WHERE nom\_marque = 'Indesit'

);

3-

UPDATE produits

SET prix = prix - 50

WHERE prix > 600;

EXERCICE 4

2 tables : metiers / personnages

1-

SELECT personnages.nom, metiers.nom

FROM metiers

INNER JOIN personnages ON

personnages.metier\_id = metiers.id

2-

SELECT personnages.nom , metiers.nom

FROM personnages

LEFT JOIN metiers ON

personnages.metier\_id = metiers.id;

3-

SELECT metiers.nom AS metier

FROM metiers

LEFT JOIN personnages ON personnages.metier\_id = metiers.id

WHERE personnages.metier\_id IS NULL;

EXERCICE 5 :

SELECT

produits.nom AS produit, AVG(notes.note) AS moyenne

FROM

produits

LEFT JOIN

notes ON produits.id = notes.produit\_id

GROUP BY

produits.id;