EXO 1

Création de la table :   
CREATE TABLE fiche\_film

(

id int PRIMARY KEY AUTO\_INCREMENT,

titre varchar(255),

duration int,

release\_date year

)

INSERT INTO fiche\_film (titre, duration, release\_date)

VALUES

('The Gentleman', 133, 2020),

('Kuzco', 75, 2000),

('Joker', 122, 2019),

('Sweeney todd', 116, 2007),

('Princesse Mononoké', 134, 1997);

DELETE FROM `fiche\_film`

WHERE `release\_date` < 2010 AND `duration` < 120

Exo 2

Exo 2-1 :

SELECT \* FROM `villes\_france\_free`

WHERE `ville\_surface`

ORDER BY ville\_surface ASC

LIMIT 5Exo 2-2 :

SELECT ville\_population\_2010, ville\_code\_postal FROM `villes\_france\_free`

WHERE `ville\_population\_2010`

ORDER BY ville\_population\_2010 DESC

LIMIT 15

Exo 2-3 :

SELECT ville\_departement, ville\_nom FROM `villes\_france\_free`

WHERE `ville\_nom` LIKE 'P%'

Exo2-4 :

SELECT ville\_departement, SUM(ville\_population\_2012) AS population\_totale\_2012, SUM(ville\_population\_2010) AS population\_totale\_2010, SUM(ville\_population\_1999) AS population\_totale\_1999 FROM villes\_france\_free

GROUP BY

ville\_departement

ORDER BY

population\_totale\_2012 DESC;

exo 2-5 :

SELECT ville\_nom, ville\_population\_1999 FROM `villes\_france\_free`

WHERE ville\_population\_1999 > 20000;

Exo 2-6 :

UPDATE villes\_france\_free

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

WHERE ville\_longitude\_dms LIKE '%+%';

Exo 2-7 :   
SELECT reverse (departement\_nom) departement\_code FROM departement

WHERE departement\_code

Exo 2-8 :  
SELECT

villes\_france\_free.ville\_nom,

villes\_france\_free.ville\_surface,

departement.departement\_nom

FROM

villes\_france\_free

INNER JOIN

departement

ON villes\_france\_free.ville\_departement = departement.departement\_code

WHERE

villes\_france\_free.ville\_surface IS NOT NULL

ORDER BY

villes\_france\_free.ville\_surface DESC

LIMIT 5;

Exo 2-9 :

SELECT

departement.departement\_nom,

SUM(villes\_france\_free.ville\_population\_2010) AS population\_totale\_2010

FROM

villes\_france\_free

INNER JOIN

departement

ON villes\_france\_free.ville\_departement = departement.departement\_code

WHERE

villes\_france\_free.ville\_population\_2010 IS NOT NULL

GROUP BY

departement.departement\_nom

ORDER BY

population\_totale\_2010 DESC

LIMIT 5;

Exo 3-1 :

SELECT

machine.id,

marque.name AS marque,

category.type AS category,

machine.model,

machine.price

FROM machine

JOIN marque ON machine.marque = marque.id

JOIN category ON machine.category = category.id;

Exo 3-2 :   
DELETE FROM machine

WHERE marque = (

SELECT id FROM marque WHERE name = 'Indesit'

);

Exo 3-3

UPDATE machine

SET price = price - 50

WHERE price > 600;

Exo 4 :

4-1 :

SELECT Personnage.nom AS personnage, Metier.nom AS metier

FROM Personnage

INNER JOIN Metier ON Personnage.metier\_id = Metier.id;

4-2 :

SELECT Personnage.nom AS personnage, Metier.nom AS metier

FROM Personnage

LEFT JOIN Metier ON Personnage.metier\_id = Metier.id;

4-3 :

SELECT Metier.nom AS metier\_non\_associe

FROM Metier

LEFT JOIN Personnage ON Metier.id = Personnage.metier\_id

WHERE Personnage.metier\_id IS NULL;

Exo 5 :  
SELECT produits.nom, AVG(notations.note)

FROM produits

JOIN notations ON produits.id = notations.produit\_id

GROUP BY produits.id, produits.nom;