**ECF-SQL**

**Exercice 1 :**

/\*QUESTION 1\*/

SELECT titre

FROM representation;

/\*QUESTION 2\*/

SELECT titre

FROM representation WHERE lieu="Mogador";

/\*QUESTION 3\*/

SELECT nomMusicien, titre

FROM musicien

INNER JOIN representation

    ON musicien.idRepresentation = representation.idRepresentation;

/\*QUESTION 4\*/

SELECT titre, lieu, tarif

FROM representation

INNER JOIN programmer

    ON programmer.idRepresentation = representation.idRepresentation

WHERE date = "2022-07-25";

/\*QUESTION 5\*/

SELECT COUNT(idMusicien) AS "Nombre de musiciens"

FROM musicien

WHERE musicien.idRepresentation = 20;

/\*QUESTION 6\*/

SELECT titre, date

FROM programmer

INNER JOIN representation

    ON programmer.idRepresentation = representation.idRepresentation

WHERE tarif<50;

**Exercice 2 :**

/\*QUESTION 1\*/

SELECT nom, prenom, email

FROM reservation

INNER JOIN client

    ON client.idClient = reservation.idClient

GROUP BY client.idClient;

/\*QUESTION 2\*/

SELECT nom, prenom, email

FROM reservation

RIGHT JOIN client

    ON client.idClient = reservation.idClient

WHERE reservation.idVoyage IS NULL;

/\*QUESTION 3\*/

SELECT nom, prenom, Destination, duree, prix

FROM reservation

INNER JOIN client

    ON client.idClient = reservation.idClient

INNER JOIN voyage

    ON voyage.idVoyage = reservation.idVoyage

WHERE duree>10 AND prix<1000;

/\*QUESTION 4\*/

SELECT idClient, nom, prenom

FROM client

WHERE NOT EXISTS (

    SELECT idVoyage

    FROM voyage

    WHERE idVoyage NOT IN (

        SELECT idVoyage

        FROM reservation

        WHERE reservation.idClient = client.idClient

    )

);