

## ECF-SQL

### Exercise 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;
```

**Exercise 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  
    )  
);
```