

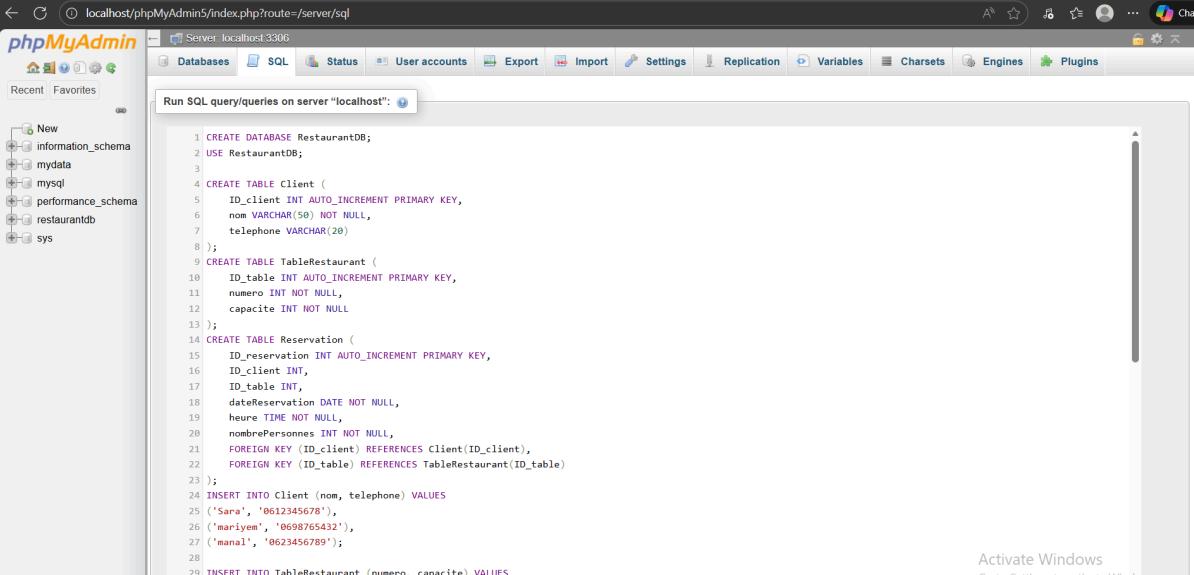
TP SQL – Gestion d'un Petit Système de Réervations

1ère Année Cybersécurité – Euromed University of Fes

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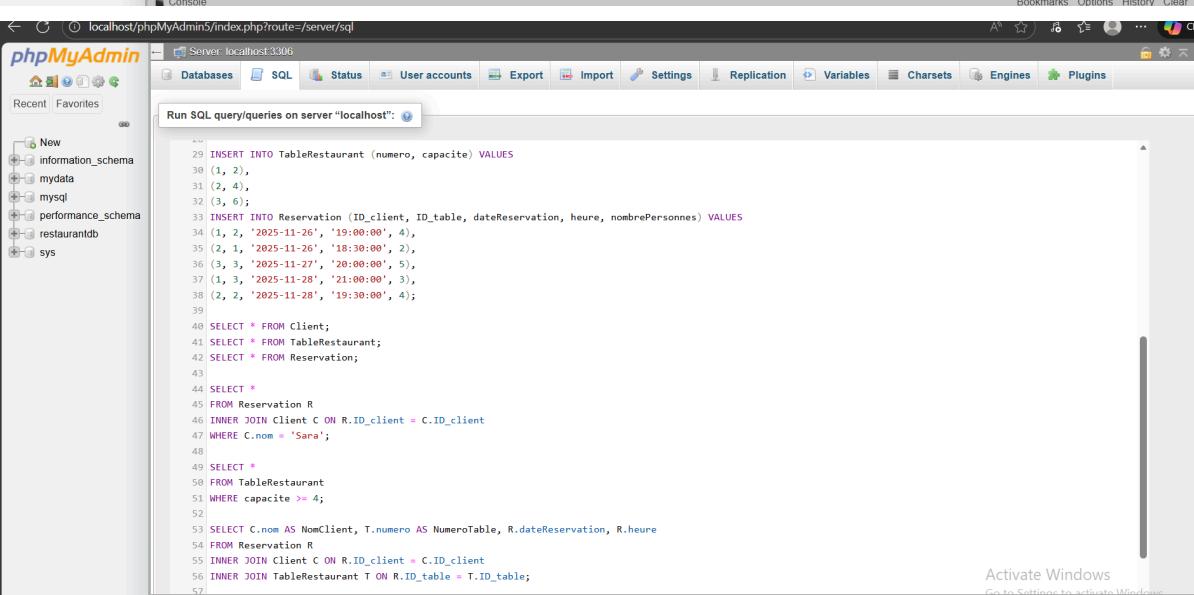
Voilà des captures d'écran pour le Tp :



The screenshot shows the phpMyAdmin interface for a MySQL database named 'localhost'. In the 'Run SQL query/queries on server "localhost":' window, the following SQL code is displayed:

```
1 CREATE DATABASE RestaurantDB;
2 USE RestaurantDB;
3
4 CREATE TABLE Client (
5     ID_Client INT AUTO_INCREMENT PRIMARY KEY,
6     nom VARCHAR(50) NOT NULL,
7     telephone VARCHAR(20)
8 );
9 CREATE TABLE TableRestaurant (
10    ID_Table INT AUTO_INCREMENT PRIMARY KEY,
11    numero INT NOT NULL,
12    capacite INT NOT NULL
13 );
14 CREATE TABLE Reservation (
15    ID_reservation INT AUTO_INCREMENT PRIMARY KEY,
16    ID_client INT,
17    ID_table INT,
18    dateReservation DATE NOT NULL,
19    heure TIME NOT NULL,
20    nombrePersonnes INT NOT NULL,
21    FOREIGN KEY (ID_client) REFERENCES Client(ID_client),
22    FOREIGN KEY (ID_table) REFERENCES TableRestaurant(ID_table)
23 );
24 INSERT INTO Client (nom, telephone) VALUES
25 ('Sara', '0612345678'),
26 ('Mariyem', '0698765432'),
27 ('manal', '0623456789');
28
29 INSERT INTO TableRestaurant (numero, capacite) VALUES
```

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The screenshot shows the phpMyAdmin interface for the same MySQL database. In the 'Run SQL query/queries on server "localhost":' window, the following SQL code is displayed:

```
29 INSERT INTO TableRestaurant (numero, capacite) VALUES
30 (1, 2),
31 (2, 4),
32 (3, 6);
33 INSERT INTO Reservation (ID_client, ID_table, dateReservation, heure, nombrePersonnes) VALUES
34 (1, 2, '2025-11-26', '19:00:00', 4),
35 (2, 1, '2025-11-26', '18:30:00', 2),
36 (3, 3, '2025-11-27', '20:00:00', 5),
37 (1, 3, '2025-11-28', '21:00:00', 3),
38 (2, 2, '2025-11-28', '19:30:00', 4);
39
40 SELECT * FROM Client;
41 SELECT * FROM TableRestaurant;
42 SELECT * FROM Reservation;
43
44 SELECT *
45 FROM Reservation R
46 INNER JOIN Client C ON R.ID_client = C.ID_client
47 WHERE C.nom = 'Sara';
48
49 SELECT *
50 FROM TableRestaurant
51 WHERE capacite > 4;
52
53 SELECT C.nom AS NomClient, T.numero AS NumeroTable, R.dateReservation, R.heure
54 FROM Reservation R
55 INNER JOIN Client C ON R.ID_client = C.ID_client
56 INNER JOIN TableRestaurant T ON R.ID_table = T.ID_table;
```

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phpMyAdmin

Server: localhost:3306

Databases SQL Status User accounts Export Import Settings Replication VariablesCharsets Engines Plugins

New information_schema mydata mysql performance_schema restaurantdb sys

```
50 FROM TableRestaurant
51 WHERE capacite >= 4;
52 |
53 SELECT C.nom AS NomClient, T.numero AS NumeroTable, R.dateReservation, R.heure
54 FROM Reservation R
55 INNER JOIN Client C ON R.ID_client = C.ID_client
56 INNER JOIN TableRestaurant T ON R.ID_table = T.ID_table;
57
58 SELECT C.nom AS NomClient, T.numero AS NumeroTable, R.dateReservation, R.heure
59 FROM Reservation R
60 INNER JOIN Client C ON R.ID_client = C.ID_client
61 INNER JOIN TableRestaurant T ON R.ID_table = T.ID_table
62 ORDER BY R.dateReservation ASC, R.heure ASC;
63
64
65 SELECT C.nom, COUNT(R.ID_reservation) AS NombreReservations
66 FROM Reservation R
67 INNER JOIN Client C ON R.ID_client = C.ID_client
68 GROUP BY C.nom
69 HAVING COUNT(R.ID_reservation) > 1;
70
71 SELECT dateReservation, COUNT(*) AS TotalReservations
72 FROM Reservation
73 GROUP BY dateReservation
74 ORDER BY dateReservation;
75
76
```

Clear Format Get auto-saved query

Bind parameters

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Console