```
mysql> show databases;
+--------------------+
| Database           |
+--------------------+
| information_schema |
| mysql              |
| performance_schema |
| students           |
| sys                |
+--------------------+
5 rows in set (0.47 sec)

mysql> create database hotel_db;
Query OK, 1 row affected (0.09 sec)
```
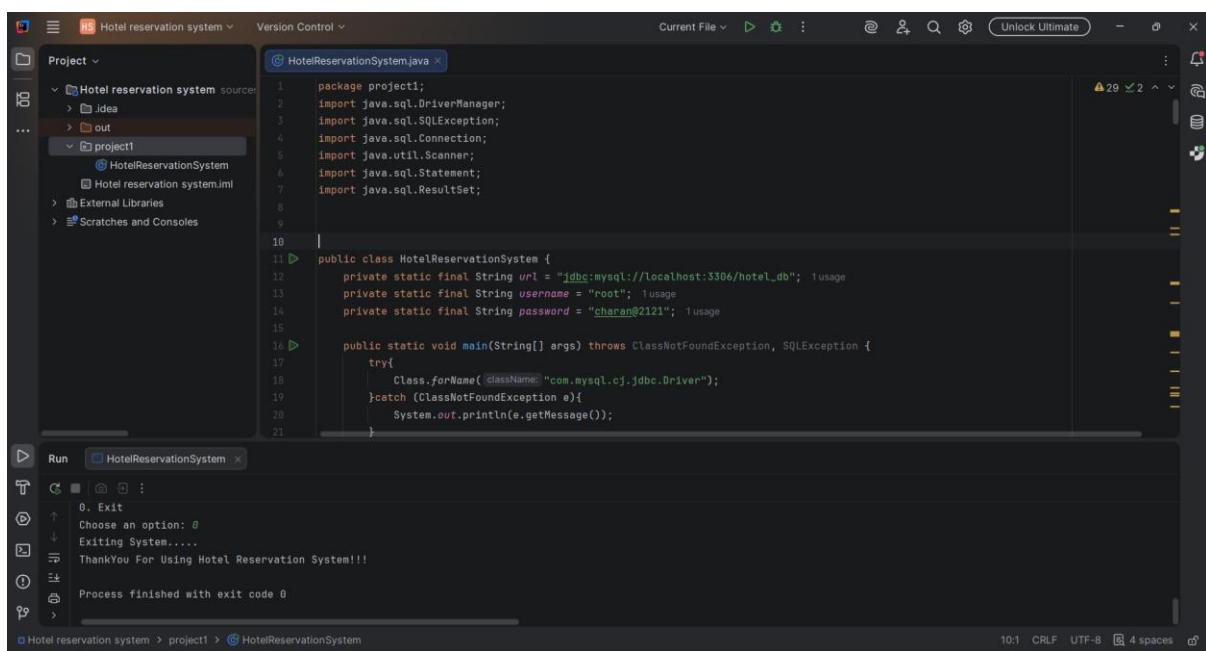
```
mysql> create table reservations(
    -> reservation_id int auto_increment primary key,
    -> guest_name varchar(255) not null,
    -> room_number int not null,
    -> contact_number varchar(255) not null,
    -> reservation_date timestamp default current_timestamp
    -> );
Query OK, 0 rows affected (0.23 sec)

mysql> desc reservations;
+------------------+--------------+------+-----+-------------------+-------------------+
| Field            | Type         | Null | Key | Default           | Extra             |
+------------------+--------------+------+-----+-------------------+-------------------+
| reservation_id   | int          | NO   | PRI | NULL              | auto_increment    |
| guest_name       | varchar(255) | NO   |     | NULL              |                   |
| room_number      | int          | NO   |     | NULL              |                   |
| contact_number   | varchar(255) | NO   |     | NULL              |                   |
| reservation_date | timestamp    | YES  |     | CURRENT_TIMESTAMP | DEFAULT_GENERATED |
+------------------+--------------+------+-----+-------------------+-------------------+
5 rows in set (0.03 sec)

mysql> select*from reservations;
Empty set (0.01 sec)
```

HS Hotel reservation system ∨   Version Control ∨   Current File ∨ ▷ ⚙ ⋮   Unlock Ultimate   — ☐ ✕

Project ∨   HotelReservationSystem.java ✕
∨ Hotel reservation system sources   1   package project1;
  > .idea   2   import java.sql.DriverManager;
  > out   3   import java.sql.SQLException;
  ∨ project1   4   import java.sql.Connection;
      HotelReservationSystem   5   import java.util.Scanner;
      Hotel reservation system.iml   6   import java.sql.Statement;
  > External Libraries   7   import java.sql.ResultSet;
  > Scratches and Consoles   8
                                      9
                                     10 |
                                     11 ▷ public class HotelReservationSystem {
                                     12   private static final String url = "jdbc:mysql://localhost:3306/hotel_db"; 1 usage
                                     13   private static final String username = "root"; 1 usage
                                     14   private static final String password = "charan@2121"; 1 usage
                                     15
                                     16 ▷   public static void main(String[] args) throws ClassNotFoundException, SQLException {
                                     17   try{
                                     18   Class.forName(className: "com.mysql.cj.jdbc.Driver");
                                     19   }catch (ClassNotFoundException e){
                                     20   System.out.println(e.getMessage());
                                     21   }

Run   HotelReservationSystem ✕
    0. Exit
    Choose an option: 0
    Exiting System.....
    ThankYou For Using Hotel Reservation System!!!

    Process finished with exit code 0

Hotel reservation system > project1 > HotelReservationSystem   10:1 CRLF UTF-8 4 spaces

```
1. Reserve a room
2. View Reservations
3. Get Room Number
4. Update Reservations
5. Delete Reservations
0. Exit
Choose an option: 1
Enter guest name: charan sai
Enter room number: 201
Enter contact number: 8125327266
Reservation successful!

HOTEL MANAGEMENT SYSTEM
1. Reserve a room
2. View Reservations
3. Get Room Number
4. Update Reservations
5. Delete Reservations
0. Exit
Choose an option: 2
Current Reservations:
+----------------+---------------+---------------+----------------+---------------------------+
| Reservation ID | Guest         | Room Number   | Contact Number | Reservation Date          |
+----------------+---------------+---------------+----------------+---------------------------+
| 6              | charan sai    | 206           | 8125327266     | 2026-02-13 15:08:39.0     |
| 8              | charan sai    | 201           | 8125327266     | 2026-02-13 15:19:25.0     |
+----------------+---------------+---------------+----------------+---------------------------+

HOTEL MANAGEMENT SYSTEM
```

```
Choose an option: 6
Invalid choice. Try again.

HOTEL MANAGEMENT SYSTEM
1. Reserve a room
2. View Reservations
3. Get Room Number
4. Update Reservations
5. Delete Reservations
0. Exit
Choose an option: 5
Enter reservation ID to delete: 8
Reservation deleted successfully!

HOTEL MANAGEMENT SYSTEM
1. Reserve a room
2. View Reservations
3. Get Room Number
4. Update Reservations
5. Delete Reservations
0. Exit
Choose an option: 2
Current Reservations:
+----------------+---------------+---------------+----------------+---------------------------+
| Reservation ID | Guest         | Room Number   | Contact Number | Reservation Date          |
+----------------+---------------+---------------+----------------+---------------------------+
| 6              | charan sai    | 206           | 8125327266     | 2026-02-13 15:08:39.0     |
+----------------+---------------+---------------+----------------+---------------------------+
```

```
+----------------+------------------+----------------+--------------------+-------------------------+
| 6              | charan sai       | 206            | 8125327266         | 2026-02-13 15:08:39.0   |
+----------------+------------------+----------------+--------------------+-------------------------+

HOTEL MANAGEMENT SYSTEM
1. Reserve a room
2. View Reservations
3. Get Room Number
4. Update Reservations
5. Delete Reservations
0. Exit
Choose an option: 3
Enter reservation ID: 6
Enter guest name: charan sai
Room number for Reservation ID 6 and Guest charan sai is: 206

HOTEL MANAGEMENT SYSTEM
1. Reserve a room
2. View Reservations
3. Get Room Number
4. Update Reservations
5. Delete Reservations
0. Exit
Choose an option: 5
Enter reservation ID to delete: 6
Reservation deleted successfully!

HOTEL MANAGEMENT SYSTEM
1. Reserve a room
```

```
Reservation deleted successfully!

HOTEL MANAGEMENT SYSTEM
1. Reserve a room
2. View Reservations
3. Get Room Number
4. Update Reservations
5. Delete Reservations
0. Exit
Choose an option: 2
Current Reservations:
+----------------+------------------+----------------+--------------------+-------------------------+
| Reservation ID | Guest            | Room Number    | Contact Number     | Reservation Date        |
+----------------+------------------+----------------+--------------------+-------------------------+
+----------------+------------------+----------------+--------------------+-------------------------+

HOTEL MANAGEMENT SYSTEM
1. Reserve a room
2. View Reservations
3. Get Room Number
4. Update Reservations
5. Delete Reservations
0. Exit
Choose an option: 0
Exiting System.....
ThankYou For Using Hotel Reservation System!!!

Process finished with exit code 0
```