



queries.sql



43chy2y2c



NEW

MYSQL ▾

RUN ▶



```

1  -- Creating the flights table with additional columns
2  CREATE TABLE flights (
3      flight_id INT AUTO_INCREMENT PRIMARY KEY,
4      flight_number VARCHAR(20) UNIQUE NOT NULL,
5      airline VARCHAR(100),
6      departure VARCHAR(50),
7      destination VARCHAR(50),
8      departure_time DATETIME,
9      arrival_time DATETIME,
10     available_seats INT,
11     price DECIMAL(10,2)
12 );
13
14 -- Creating the passengers table with user details
15 CREATE TABLE passengers (
16     passenger_id INT AUTO_INCREMENT PRIMARY KEY,
17     name VARCHAR(100),
18     age INT,
19     gender ENUM('Male', 'Female', 'Other'),
20     contact VARCHAR(15),
21     passport_number VARCHAR(20) UNIQUE,
22     email VARCHAR(100) UNIQUE NOT NULL,
23     password_hash VARCHAR(255) NOT NULL
24 );
25
26 -- Creating the reservations table with additional columns
27 CREATE TABLE reservations (
28     reservation_id INT AUTO_INCREMENT PRIMARY KEY,
29     passenger_id INT,
30     flight_id INT,
31     booking_date DATE,
32     seat_number VARCHAR(10),
33     class ENUM('Economy', 'Business', 'First'),
34     payment_status ENUM('Paid', 'Pending'),
35     cancellation_status ENUM('Active', 'Cancelled')
36 
```

STDIN

Input for the program (Optional)

Output:

```

+-----+-----+-----+-----+
| flight_id | flight_number | airline | departure |
+-----+-----+-----+-----+
| 1 | AI101 | IndiGo | Delhi |
| 2 | AI202 | Air India | Kolkata |
+-----+-----+-----+-----+
+-----+-----+-----+-----+
| passenger_id | name | age | gender | contact |
+-----+-----+-----+-----+
| 1 | John Doe | 30 | Male | 9876543210 |
| 2 | Jane Smith | 27 | Female | 8765432109 |
+-----+-----+-----+-----+
+-----+-----+-----+-----+
| reservation_id | passenger_name | passport_number |
+-----+-----+-----+-----+
| 1 | John Doe | A12345678 |
| 2 | Jane Smith | B98765432 |
+-----+-----+-----+-----+
+-----+-----+-----+-----+
| reservation_id | passenger_id | flight_id | booking_date |
+-----+-----+-----+-----+
| 2 | 2 | 2 | 2024-03-20 |
+-----+-----+-----+-----+
+-----+-----+-----+-----+
| flight_id | flight_number | airline | departure |
+-----+-----+-----+-----+
| 1 | AI101 | IndiGo | Delhi |
+-----+-----+-----+-----+
+-----+
| available_seats |
+-----+
| 150 |
+-----+

```