Task 3: Basic SELECT Queries (Top-Down View)

SELECT * FROM Passengers;
SELECT passenger_name, phone_number FROM Passengers;
SELECT * FROM Passengers WHERE phone_number = '0000000000';
SELECT * FROM Passengers WHERE passenger_name LIKE 'P%';
SELECT * FROM Passengers ORDER BY passenger_name ASC;
SELECT * FROM Passengers LIMIT 1;
SELECT DISTINCT phone_number FROM Passengers;
SELECT passenger_name AS Name, phone_number AS Contact FROM Passengers;

SELECT * FROM Flights WHERE departure_year BETWEEN 2020 AND 2026;
SELECT * FROM Flights ORDER BY departure_year DESC;

E Bookings

booking_id: INT (Primary Key)

booking_date: DATE
travel_date: DATE
flight_id: INT (Foreign Key)
passenger_id: INT (Foreign Key)

E Passengers

passenger_id: INT (Primary Key)

passenger_name: VARCHAR(100)
phone_number: VARCHAR(15)

E Flights

flight_id: INT (Primary Key)

flight_name: VARCHAR(255)
departure_year: INT
pilot_id: INT (Foreign Key)

SELECT b.booking_id, p.passenger_name, f.flight_name
FROM Bookings b
JOIN Passengers p ON b.passenger_id = p.passenger_id
JOIN Flights f ON b.flight_id = f.flight_id;