

PROJECT PHASE-4

1. Get employee details:

```
SELECT F_name, M_name, L_name, Phone_No FROM Flight_Employee JOIN Employee_Phone ON  
Flight_Employee.Emp_id = Employee_Phone.PID WHERE Works_For = (SELECT Airline_ID FROM  
Airline WHERE Airline_name = 'Emirates');
```

2. Get flight details from given source:

```
SELECT Flight_code, Destination, AirplaneID, Pilot, Departure FROM Flight WHERE Source = 'LAX';  
Get flights from a sour
```

3. #flights operated by each airlines

```
SELECT Airline_name, COUNT(Flight_code) AS Total_Flights FROM Airline JOIN Flight_Employee ON  
Airline.Airline_ID = Flight_Employee.Works_For JOIN Flight ON Flight.Pilot =  
Flight_Employee.Emp_id GROUP BY Airline_name;
```

4. Get passenger details in a given flight

```
SELECT F_name, M_name, L_name, Phone_No FROM Passenger LEFT JOIN Passenger_Phone ON  
Passenger.PID = Passenger_Phone.PID WHERE BoardingFlight = 'AA101';
```

5. #employees of each job type.

```
SELECT Airline_name, Jobtype, COUNT(*) AS Employee_Count FROM Flight_Employee JOIN Airline  
ON Flight_Employee.Works_For = Airline.Airline_ID GROUP BY Airline_name, Jobtype;
```

6. Promote an employee

```
UPDATE Flight_Employee SET Salary = Salary * 1.10 WHERE Jobtype = 'Pilot';
```

7. Change destination of flight

```
UPDATE Flight SET Destination = 'LHR' WHERE Flight_code = 'DL202';
```

8. Update flying hours of an airplane.

```
UPDATE Airplane SET Flying_Hours = Flying_Hours + 500 WHERE Flying_Hours > 5000;
```

9. INSERT INTO Airport (Ap_name, City, Country) VALUES ('ORD', 'Chicago', 'USA'),('BOM', 'Mumbai',
'India'),('DEL', 'New Delhi', 'India');

10. INSERT INTO Flight_Employee (Emp_id, F_name, M_name, L_name, Jobtype, Salary, Bdate,
Works_For, ManagerID) VALUES (.....)

```
INSERT INTO Airline (Airline_ID, Airline_name) VALUES ('AC1234', 'Air Canada'), ('ET5678', 'Ethiopian  
Airlines'), ('AI9101', 'Air India');
```

11. Fire an Employee

12. Remove an Airport