

Assignment 3

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1)

a) SELECT FROM FLIGHT ORDER BY AIRLINE;

b) SELECT FARE CODE, AMOUNT, RESTRICTIONS
AMOUNT * 1.15 AS AMOUNT AFTER TAX

FROM FARE

WHERE AMOUNT > 50;

c) UPDATE SEAT RESERVATION
SET NUMBER - OF - AVAILABLE SEATS =
NUMBER OF AVAILABLE SEATS * 0.95;

d) SELECT AIRPLANE TYPE NAME, MAX SEATS
FROM AIRPLANE TYPE;

e) SELECT AIRPLANE TYPE NAME
FROM AIRPLANE TYPE
WHERE AIRPLANE TYPE NAME LIKE %T;

Examp 2A

PE8101608- 10/17/2024

```
select FLIGHT, Flight_Number,  
       FLIGHT.Airline,  
       FLIGHT_Leg.Departure_airport_code,  
       FLIGHT_Leg.Arrival_airport_code,  
       FLIGHT_Leg.scheduled_departure_time,  
       FLIGHT_Leg.scheduled_arrival_time,  
       AIRPLANE.Airplane_type,
```

From FLIGHT

Join FLIGHT

Join FLIGHT_Leg on Flight.Flight_Number = FLIGHT_Leg.Flight_Number

Join AIRPLANE on Flight_Leg.Leg_Number = AIRPLANE.Airplane_Leg_Number

Where FLIGHT.Weekdays = 'Monday';

```
select FLIGHT.Flight_Number,  
       FLIGHT.Airline,  
       FLIGHT_Leg.Departure_airport_code,  
       FLIGHT_Leg.Arrival_airport_code,  
       FLIGHT_Leg.scheduled_departure_time,  
       FLIGHT_Leg.scheduled_arrival_time,
```

From FLIGHT

Join FLIGHT_Leg on Flight.Flight_Number = FLIGHT_Leg.Flight_Number

Where FLIGHT.Airline LIKE '%Air%';