

Abdel Rahman Ammar 202102787

a) Select * from FLIGHT
Order By Airline;

b) Select ~~FLIGHT~~ Flight-number, Restrictions, Amount * 1.15 AS Amount-with-tax
from FARE
Where Amount > 50;

c) Delete Top(5) Percent
from ~~SEAT~~ SEAT_RESERVATION;

d) Select Airplane-type-name, Max-seats
from AIRPLANE_TYPE

e) Select Airplane-type-name from ~~AIR~~ AIRPLANE_TYPE
Where Airplane-type-name LIKE 'E%T';

f) Select F.Flight-number, DEP.Name AS Departure-Airport, ARR.Name AS
Arrival-Airport, ~~LI~~ LI.Departure-time, LI.Arrival-time, AT.Airplane-type-name

From FLIGHT F

Join FLIGHT_LEG FL on F.Flight-number = FL.Flight-number

Join AIRPORT DEP on FL.Departure-airport-code = DEP.Departure-airport-code

Join AIRPORT ARR on FL.Arrival-airport-code = ARR.Arrival-airport-code

Join LEG_INSTANCE LI on FL.Flight-number = LI.Flight-number AND FL.Leg-number = LI.Leg-number

Join AIRPLANE A on LI.Airplane-id = A.Airplane-id

Join AIRPLANE_TYPE AT on A.Airplane-type = AT.Airplane-type-name

Where F.Weekdays LIKE '%Monday%';

2) Select F.Flight-number, F.Airline, DEP.Name AS Departure-airport,
ARR.Name AS Arrival-Airport, FL.~~S~~Scheduled-departure-time,
FL.Scheduled-arrival-time

From FLIGHT F

Join FL on F.Flight-number = FL.Flight-number

Join AIRPORT DEP on FL.Departure-airport-code = DEP.Airport-code

Join AIRPORT ARR on FL.Arrival-airport-code = ARR.Airport-code

Where F.Airline * LIKE ~~XXXX~~ '% Air%' ;