

a) Display a list of all flights, airline sorted alphabetically

SELECT flight_number, Airline
FROM FLIGHT
ORDER BY Airline; -- Sorted by ascending by default

b) for the fores with amount over \$50, display the restrictions, and amount after taxes (15%)

SELECT Restrictions, Amount * AS Amounter-after-taxes FROM FARE WHERE Amount > 50;

- UPDATE SEAT_RESERVATION

 SET Seat-number = Seat-number * 0.95;
- d) For each AIRPLANE TYPE display a list of Airline type name and the number & seats the airplane has

SELECT Airplane - type - name, Max-seats FROM AIRPLANE - TYPE GROUP BY Airplane, type - name; e) Retrieve the name of airplane type who name starts with E and ends with T

SELECT Aiglane-type-name
FROM AIRPLANE-TYPE
WHERE Airplane-type-name LIKE E%T;

Doporture - airport. Name AS Departure - airport-name,
Arrival - airport. Name AS Arrival - airport - name,
FLIGHT_LEG. Sheduled - departure - time,
FLIGHT_LEG. Sheduled - arrival - time,
AIR PLANE_TYPE. ATTEMAN Airplane - type-name
FROM FLIGHT
JOIN FLIGHT_LEG ON FLIGHT, Flight-number = FLIGHT_LEG.
Flight-number = FLIGHT_LEG.

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JON AIRPLANE ON FLIGHT_LEG. Flight_number = AIRPLANE.,
Airplane_Id

JOIN ARPLANE TYPE ON AIRPLANE Airplane type - AIRPLANE TYPE

JOIN AIR PORT AS Departure - airport ON FLIGHT. LEG. Departure - airport - wide = Departure - airport - Lode = Departure - airport - Lode

Jam Allfort AS Arrival airport ON FILGHT LEG. Arrival airport code =

Arrival airport Airport code

WHERE FLIGHT, Weekdays = "Monday";

e) Retrieve the name of airplane type who name starts with E and ends with T

SELECT Airplane type - name FROM AIRPLANE TYPE WHERE Airplane type - name LIKE 'E%T;

FROM FLIGHT

SELECT FLIGHT. Flight_number,

Departure_airport. Name AS Departure_airport_name,

Arrival_airport. Name AS Arrival_airport_name,

FLIGHT_LEG. Skeduled_departure_time,

FLIGHT_LEG. Scheduled_arrival_time,

AIRPLANE_TYPE. ARREAD Airplane_type-name

FROM FLIGHT

JOIN FLIGHT_LEG ON FLIGHT, Flight_number = FLIGHT_LEG.

JON AIRPLANE ON FLIGHT_LEG. Flight_number = AIRPLANE.

Airplane_Id

JOIN AIRPLANE TYPE ON AIRPLANE. Airplane type = AIRPLANE TYPE.

Aiplane-type-name

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JOIN AIR PORT AS Departure - airport ON FLIGHT. LEG. Departure - airport - wide . = Departure - airport - Airport - wide

JOIN AIRPORT AS Arrival- airport ON FILGHT_LEG. Arrival-airport-code =

WHERE FLIGHT, Weededays = "Monday";

i) SELECT FLIGHT. Flight_number, FUGHT. Airline AS Airline_name, Departure_airport. Name AS Departure_airport_name, Arrivel- airport, Name AS Arrival-airport-name, FLIGHT_LEG, Sheeduled_ departure time, FLIGHT_LGG. Scheduled_arrival_time FROM FLIGHT JOIN FLIGHT LEG ON FLIGHT. Flight number = FLIGHT LEG. Flight_number JOIN AIRPORT AS Departure - airport ON FLIGHT_LEG. Departure JOIN AIRPORT AS Arrivel_airport ON FIIGHT_LEG. Arrivel_airport_code = WHERE FLIGHT. Airline LIKE 1/0 AIR 1/0)

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