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Assignment 3

Question 1)

a) SELECT * FROM FLIGHT
   ORDER BY AIRLINE;

b) SELET FARE.FLIGHT_NUMBER,
        FARE.AMOUNT*1.15 AS AMOUNT_WITH_TAX,
        FARE.RESTRICTIONS
   FROM FARE
   WHERE FARE.AMOUNT > 50;

c) DELETE FROM SEAT_RESERVATION
   WHERE SEAT_NUMBER <= (SELECT COUNT(*)*0.05 FROM
                         SEAT_RESERVATION);

d) SELECT AIRPLANE_TYPE_NAME, MAX_SEATS
   FROM AIRPLANE_TYPE;

e) SELECT AIRPLANE_TYPE_NAME
   FROM AIPLANE_TYPE
   WHERE AIRPLANE_TYPE_NAME LIKE E%T;

f) SELECT FLIGHT.FLIGHT_NUMBER,
          FLIGHT_LEG.DEPARTURE_AIRPORT_CODE,
          FLIGHT_LEG.SCHEDULED_DEPARTURE_TIME,
          FLIGHT_LEG.SCHEDULED_ARRIVAL_TIME
   FROM FLIGHT, FLIGHT_LEG

```sql
WHERE FLIGHT.FLIGHT_NUMBER = FLIGHT_LEG.FLIGHT_NO
    AND FLIGHT.WEEKDAYS = 'MONDAY';
```

j)
```sql
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 LIHE '%AIR%';
```