

### Assignment 3

- a) `SELECT Flight_number, Airline, FL.Scheduled_departure, FL.Scheduled_arrival_time`  
`FROM FLIGHT`  
`ORDER BY Airline ASC;`
- b) `SELECT Restrictions, Amount x 1.15`  
`FROM FARE`  
`WHERE Amount > 50;`
- c) `DELETE TOP (5) Percent FROM SEAT-RESERVATIONS;`
- d) `SELECT Max-seats, Airplane-type-name`  
`FROM AIRPLANE-TYPE;`
- e) `SELECT Airplane-type-name`  
`FROM AIRPLANE-TYPE`  
`WHERE Airplane-type-name LIKE ('E%T');`
- f) `SELECT F.Flight-number, A1.name AS Departure-Airport, A2.name`  
`AS Arrival-airport, FL.Scheduled-departure-time, FL.Scheduled-arrival-time,`  
`AP. Airplane-type.`  
`FROM FLIGHT F`  
`JOIN FLIGHT-LEG FL ON F.Flight-number = FL.Flight-number`  
`JOIN AIRPORT A1 ON FL.Departure-airport-code = A1.Airport-code.`  
`JOIN AIRPORT A2 ON FL.Arrival-airport-code = A2.Airport-code.`  
`JOIN LEG-INSTANCE LI ON FL.Flight-number AND FL.Leg-number`  
`= LI.Leg-number`

JOIN AIRPLANE AP ON LI.Airplane\_id = AP.Airplane\_id  
WHERE F.Weekdays LIKE ('% Monday%');

5) SELECT F.Flight\_number, F.Airline, A1.Name AS Departure\_Airport,  
A2.Name AS Arrival\_Airport, FL.Scheduled\_departure\_time,  
FL.Scheduled\_arrival\_time  
FROM FLIGHT F

JOIN FLIGHT-LEG FL ON F.Flight\_number = FL.Flight\_number  
JOIN AIRPORT A1 ON FL.Departure\_airport\_code = A1.Airport\_code  
JOIN AIRPORT A2 ON FL.Arrival\_airport\_code = A2.Airport\_code  
WHERE F.Airline LIKE ('% Air%');