Assignment 3

Taha sherif Taha   20220265s

a) Select Airline, Flight_Number

From flight

ORDer by Airline_Name Ascending;

	AIRLINE_NAME	FLIGHT_NUMBER
1	Air Cairo	303
2	EgyptAir	101
3	Nile Air	202

B) Select Restriction, Amount *1.15 AS Amount_After. Tax

From Fare

Where Amount > 50;

	RESTRICTIONS	AMOUNTAFTER_TA:
1	No refund	69
2	Business	138

C) Delete from SEAT_RESERVATION

Limit 1 select Count (*)*= 0.05 from SEAT_RESERVATION));

D) Select Airplane_Type_Name, Max_Seats

   FRom Airplane_Type;

	AIRPLANE_TYPE_N/	MAX_SEATS
1	A320	180
2	EJET	90
3	BOEING737	160

e) select   Airplane_type_Name

FRom Airplane_Type

where Airplane_Type_name like 'E%T';

	AIRPLANE_TYPE_N
1	EJET

f) Select f.flight_Number,
          da. Airport_Name As Departure_Airport,
          aa. Airport_Name as Arrival_Airport,
          fl. Scheduled_Departure_time,
          fl. Scheduled_Arrival_Time,
          at. Airplane_Type_Name
   from flight as f

       Join Flight_leg as fl
         On f.flight_Number = fl. Flight_Number
       Join Airport as da
         On   fl. Departure_Airport_ID = aa. airport_ID
       Join Airport as aa

	FLIGHT_NUMBER	AIRLINE_NAME	DEPARTURE_AIRPO	ARRIVAL_AIRPORT	SCHEDULED_DEPAR	SCHEDULED_ARRIV
1	101	EgyptAir	Cairo International	Alexandria Borg El Ar	08:00	09:00
2	202	Nile Air	Alexandria Borg El Ar	Hurghada Airport	10:00	12:00
3	303	Air Cairo	Hurghada Airport	Cairo International	14:00	15:30

on   f1. Arrival_Airport_ID = aa. Airport_ID

    Join Airplane_Type as at
        on   f1. Airplane_Type_ID = at. Airplane_Type_ID

    where   f . weekday like   'Monday';

j) Select r. flight_Number,
        a. airline_Name,
        da. Airport_Name As Departure_Airport,
        aa. Airport_Name as Arrival_Airport,
        fl. Scheduled_Departure_time,
        fl. Scheduled Arrival_Time

    from Flight as f

    Join Flight_leg as fl
        On f. flight_Number = fl. Flight_Number

    Join Airport as da
        On   fl. Departure_Airport. ID = aa. airport_ID

    Join Airport as aa
        on   f1. Arrival_Airport_ID = aa. Airport_ID

    where F. Airline_Name like '%Air%';

	FLIGHT_NUMBER	DEPARTURE_AIRPO	ARRIVAL_AIRPORT	SCHEDULED_DEPAR	SCHEDULED_ARRIV	AIRPLANE_TYPE_N/
1	101	Cairo International	Alexandria Borg El Ar	08:00	09:00	A320
2	202	Alexandria Borg El Ar	Hurghada Airport	10:00	12:00	EJET