PRACTICAL - 10

AIMAN SIDDIQUA

2K18/MC/008

QUERIES:

1. List the description of the aircraft with the largest seating capacity.

2. List all aircraft that are not allocated to any timetabled Flights.

3. By use of the IN operator and a sub-query list the names and addresses of passengers with tickets for flight BD80.

4. List the names and addresses of passengers with Standby Single (SBS) or Standard Return (SDR) tickets for flight BD54.

5. Provide an alternative to the SQL used in query 2.

- 6. Find the AircraftType with the smallest seating capacity:
 - · using an appropriate aggregate function;

· without using an aggregate function.

7. List the names and addresses of passengers with tickets made up of itineraries with only one flight.

```
mysql> SELECT Name, Address
   -> FROM Passenger
   -> WHERE Pid IN
   -> (SELECT T.Pid
   -> FROM Ticket T, Itinerary I
   -> WHERE T.TicketNo = I.TicketNo
   -> GROUP BY I.TicketNo
   -> HAVING COUNT(I.FlightNo) = 1);
+----+
Name
              Address
+----+
| Ritwik Arora | Rohini
| Apoorva Srivastav | Ghaziabad |
Aksht Jain | Gohana |
+----+
3 rows in set (0.10 sec)
```

8. List the names and addresses of passengers who purchased their Tickets on 18-Apr-2021.