Offline 01 – Section B2 – Marks 05

[All of your sql commands should be in a single script, you will upload a single sql file]

[Rename your sql file with your ID, Assume any necessary data if needed]

The following relations keep track of airline flight information:
Flights (*flno:* integer, *from:* string, *to:* string, *distance:* integer, *departs:* time, *arrives:* time, *price:* real)
Aircraft (*aid:* integer, *aname:* string, *cruisingrange:* integer)
Certified (*eid:* integer, *aid:* integer)
Employees (*eid:* integer, *ename:* string, *salary:* integer)

Note that the **Employees** relation describes pilots and other kinds of employees as well; every pilot is certified for some aircraft, and only pilots are certified to fly.

Tasks:

a. Create the four tables and insert necessary data on the tables using sql commands (necessary data can be within 5 to 10 rows and relevant to the queries you need to perform)
(*We all should learn the reverse process - based on the query, we should be able to guess the required data*)

b. Write the following queries in SQL –

1. Find the names of pilots whose *salary* is less than the price of the cheapest route from Los Angeles to Honolulu.

2. Find the names of pilots certified for some Boeing aircraft.

3. Print the names of employees who are certified only on aircrafts with cruising range longer than 1000 miles, but on at least two such aircrafts.

Honor code: Do not copy. If identified you will get zero.