

## CS6106 – Database Management Systems

BATCH: P

Week : 6 ( 13-Apr-22)

The following relations keep track of airline flight information:

Flights(FINo: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:intger, ename: string, salary:integer)

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

Write each of the following queries in SQL

- a) Find the names of aircraft such that all pilots certified to operate them to have salaries more than 80, 000.
- b) For all aircrafts with cruiserange over 1000 miles , find the name of the aircraft and the average salary of all pilots certified for that aircraft