**Lab Assignment 6**

**Q1.** Consider the following schema of Employee table, which has various details of employees like employee id, employee name, age, salary, gender and city. Eid is primary key of relation.

**Employee**(eid, ename, age, salary, gender, city)

Execute the following queries :

(a) Find monthly salary of employees from Employee table if annual salary is given?

(Hint: Use derived query)

(b) Fetch employee whose age is maximum from Employee table?

(Hint: Use derived query)

(c) Find all the employee whose salary is more than the average salary of all employees. (Hint: Use create temporary table command).

(d) Find all employee whose eid <100 and gender is male? (Hint: Use create temporary table command).

(e) Fetch 2 highest salaries records from Employee table? (Hint: Use create temporary table command).

**Q2.** Consider the schema of Company table which contains various details of companies like client-id, company name, company address with city, pin and state alon with balance to be paid by each client. Client-id is primary of relation.

**Company** (client-id, client-name, address, city, pin, state, bal-due)

Execute the following queries:

(a) Create a view Client\_vw2 having Client\_ID, city and Bal\_Due attributes of client table.

(b) Create a view called Client\_vw3 with renaming Client\_ID as CID, Client\_Name as cname and Address as Addr of client table.

(c) Insert a row into Client\_vw2 (‘cn02003’, ‘alld’, 5000).

(d) Using Client\_view1, print client\_name and Balance of Client whose ID is ‘cn01001’.

(e) Modify view Client\_vw2 such that bal\_due of Client\_ID CN01004 now become 1000.

(f) Delete row from view client\_vw2 where Client\_ID=’CN02003’.

(g) Delete view client\_vw3 from memory.

(h) Consider another table Client2 (ClientID, Phone). Create a view client\_vw4 which has clientID, Client\_name, bal\_due and phone. Use both the tables Client and Client2.