

Database Management Systems Lab Assignment-3

Instructions:

1. Each Query consists of one mark.
2. The assignment is of total 10 marks. (2 Marks for table and 8 for Queries)
3. All Questions are compulsory.
4. Naming convention for file: Name your file, which includes screenshots of the database as: Roll.No-Assign1.pdf
5. Do Not Cheat.

1. Create the following tables, enter at least 5 records in each table and answer the queries given below.

EMPLOYEE (Person_Name, Street, City)

WORKS (Person_Name, Company_Name, Salary)

COMPANY (Company_Name, City)

MANAGES (Person_Name, Manager_Name)

- a) Identify primary and foreign keys.
- b) Alter table employee, add a column "email" of type varchar(20).
- c) Find the name of all managers who work for both Samba Bank and NCB Bank.
- d) Find the names, street address and cities of residence and salary of all employees who work for "Samba Bank" and earn more than \$10,000.
- e) Find the names of all employees who live in the same city as the company for which they work.
- f) Find the highest salary, lowest salary and average salary paid by each company.
- g) Find the sum of salary and number of employees in each company.
- h) Find the name of the company that pays highest salary.