**LABCYCLE 1**

EXPERIMENT LIST

1.Consider the database for an organisation**.** Write the queries for the following

Create the following tables.

**employee** (emp\_no,emp\_name,DOB, address, doj, mobile\_no, dept\_no, salary).

**department** (dept\_no, dept\_name, location).

1. Include necessary constraints.
2. List all the tables in the current database
3. Display the structure of the employee table
4. Add a new column Designation to the employee table
5. Drop the column location from Dept table
6. Drop the tables
7. Delete the database

**DATA MANIPULATION LANGUAGE(DML)**

2.Consider the database for an organisation. Write the queries for the following

1. Display all the records from the above tables
2. Display the empno and name of all the employees from department no2
3. Display empno,name,designation,dept no and salary in the descending order of salary
4. Display the empno and name of all employees whose salary is between 2000 and 5000
5. Display all designations without duplicate values.
6. Display the dept name and total salary of employees of each department.
7. Change the salary of employees to 25000 whose designation is ‘Typist’
8. Change the mobile no of employee named ‘john’
9. Delete all employees whose salaries are equal to Rs.7000
10. Select the department that has total salary paid for its employees more than 25000
11. Add 5 rows in the employee and dept tables.

**SUB QUERIES AND JOIN**

Write the queries for the following

* 1. Display the empno, name, and salaries for employees whose average salary is higher than the average salary of the organization

1. Display the details of employees whose salary is equal to the minimum salary of organisation.
2. Display the employee details by implementing left inner join
3. Display employee details by implementing a right outer join.

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