**Name**: Shraddha Rajkumar Kotwar

**Roll no**: 18

**Batch**: T1

**Class** : TE-B

**Assignment no- 2**

**Step 1: Create Employee table**

mysql> create table Employee(eid int(10),Ename varchar(23),Address varchar(20),salary int(10),commission int(12));

mysql> insert into Employee values(1,"Amit","Pune",35000,5000);

Query OK, 1 row affected (0.03 sec)

mysql> select \* from Employee;

+------+-------+---------+--------+------------+

| eid | Ename | Address | salary | commission |

+------+-------+---------+--------+------------+

| 1 | Amit | Pune | 35000 | 5000 |

+------+-------+---------+--------+------------+

mysql> insert into Employee values(2,"Sneha","Pune",25000,NULL);

Query OK, 1 row affected (0.04 sec)

mysql> select \* from Employee;

+------+-------+---------+--------+------------+

| eid | Ename | Address | salary | commission |

+------+-------+---------+--------+------------+

| 1 | Amit | Pune | 35000 | 5000 |

| 2 | Sneha | Pune | 25000 | NULL |

+------+-------+---------+--------+------------+

mysql> insert into Employee values(3,"Savita","Nasik",28000,2000);

Query OK, 1 row affected (0.02 sec)

mysql> select \* from Employee;

+------+--------+---------+--------+------------+

| eid | Ename | Address | salary | commission |

+------+--------+---------+--------+------------+

| 1 | Amit | Pune | 35000 | 5000 |

| 2 | Sneha | Pune | 25000 | NULL |

| 3 | Savita | Nasik | 28000 | 2000 |

+------+--------+---------+--------+------------+

3 rows in set (0.00 sec)

mysql> insert into Employee values(4,"Pooja","Mumbai",19000,NULL);

Query OK, 1 row affected (0.03 sec)

mysql> select \* from Employee;

+------+--------+---------+--------+------------+

| eid | Ename | Address | salary | commission |

+------+--------+---------+--------+------------+

| 1 | Amit | Pune | 35000 | 5000 |

| 2 | Sneha | Pune | 25000 | NULL |

| 3 | Savita | Nasik | 28000 | 2000 |

| 4 | Pooja | Mumbai | 19000 | NULL |

+------+--------+---------+--------+------------+

4 rows in set (0.00 sec)

mysql> insert into Employee values(5,"Sagar","Mumbai",25000,3000);

Query OK, 1 row affected (0.02 sec)

mysql> select \* from Employee;

+------+--------+---------+--------+------------+

| eid | Ename | Address | salary | commission |

+------+--------+---------+--------+------------+

| 1 | Amit | Pune | 35000 | 5000 |

| 2 | Sneha | Pune| 25000 | NULL |

| 3 | Savita | Nasik | 28000 | 2000 |

| 4 | Pooja | Mumbai | 19000 | NULL |

| 5 | Sagar | Mumbai | 25000 | 3000 |

+------+--------+---------+--------+------------+

5 rows in set (0.00 sec)

**Step 2: Create Project table**

mysql> create table Project(PrNo int,addr varchar(20));

Query OK, 0 rows affected (0.05 sec)

mysql> insert into Project values(10,"Mumbai"),(20,"Pune"),(30,"Jalgaon");

Query OK, 3 rows affected (0.03 sec)

Records: 3 Duplicates: 0 Warnings: 0

mysql> select \* from Project;

+------+---------+

| PrNo | addr |

+------+---------+

| 10 | Mumbai |

| 20 | Pune |

| 30 | Jalgaon |

+------+---------+

**1. Find different locations from where employee belong to?**

mysql> select distinct Address from Employee;

+---------+

| Address |

+---------+

| Pune |

| Nasik |

| Mumbai |

+---------+

**2.What is maximum and minimum salary?**

mysql> select max(salary),min(salary) from Employee;

+-------------+-------------+

| max(salary) | min(salary) |

+-------------+-------------+

| 35000 | 19000 |

+-------------+-------------+

**3.Display the content of employee table according to the ascending order of salary amount.**

mysql> select \* from Employee order by salary asc;

+------+--------+---------+--------+------------+

| eid | Ename | Address | salary | commission |

+------+--------+---------+--------+------------+

| 4 | Pooja | Mumbai | 19000 | NULL |

| 2 | Sneha | Pune | 25000 | NULL |

| 5 | Sagar | Mumbai | 25000 | 3000 |

| 3 | Savita | Nasik | 28000 | 2000 |

| 1 | Amit | Pune | 35000 | 5000 |

+------+--------+---------+--------+------------

**4.Find the name of employees who lived in nasik or pune city.**

mysql> select Ename from Employee where Address in("Nasik","Pune");

+--------+

| Ename |

+--------+

| Amit |

| Sneha |

| Savita |

+--------+

**5. Find the name of Employee who does not get commission.**

mysql> select Ename from Employee where commission is NULL;

+-------+

| Ename |

+-------+

| Sneha |

| Pooja |

+-------+

**6. Change the city of Amit to Nasik.**

mysql> update Employee set Address="Nasik" where Ename="Amit";

mysql> select \* from Employee ;

+------+--------+---------+--------+------------+

| eid | Ename | Address | salary | commission |

+------+--------+---------+--------+------------+

| 1 | Amit | Nasik | 35000 | 5000 |

| 2 | Sneha | Pune | 25000 | NULL |

| 3 | Savita | Nasik | 28000 | 2000 |

| 4 | Pooja | Mumbai | 19000 | NULL |

| 5 | Sagar | Mumbai | 25000 | 3000 |

+------+--------+---------+--------+------------+

**7. Find the information of employee whose name start with ‘A’.**

mysql> select \*from Employee where Ename like"A%";

+------+-------+---------+--------+------------+

| eid | Ename | Address | salary | commission |

+------+-------+---------+--------+------------+

| 1 | Amit | Nasik | 35000 | 5000 |

+------+-------+---------+--------+------------+

1 row in set (0.00 sec)

**8.Find the count of staff from Mumbai.**

mysql> select count(Address) from Employee where Address="Mumbai";

+----------------+

| count(Address) |

+----------------+

| 2 |

+----------------+

1 row in set (0.00 sec)

**9.Find the count of staff from each city.**

mysql> select Address,count(Address) from Employee group by Address;

+---------+----------------+

| Address | count(Address) |

+---------+----------------+

| Mumbai | 2 |

| Nasik | 2 |

| Pune | 1 |

+---------+----------------+

**10.Find the address from where employee are belonging as well as where project are going on.**

mysql> select Address from Employee intersect select addr from Project;

+------------+

| Address |

+-----------+

| Pune |

| Mumbai|

+----------+

**11.Find city wise minimum salary.**

mysql> select Address,min(salary) from Employee group by Address;

+---------+-------------+

| Address | min(salary) |

+---------+-------------+

| Mumbai | 19000 |

| Nasik | 28000 |

| Pune | 25000 |

+---------+-------------+

**12. Find city wise maximum salary having maximum salary greater than 26000.**

mysql> select Address,max(salary) from Employee group by Address having max(salary)>26000;

+---------+-------------+

| Address | max(salary) |

+---------+-------------+

| Nasik | 35000 |

+---------+-------------+

**13. Delete the employee who is having salary greater than 30,000.**

mysql> delete from Employee where salary>30000;

Query OK, 1 row affected (0.03 sec)

mysql> select \* from Employee;

+-----+--------+---------+--------+-----------+

| eid | name | address | salary | commision |

+-----+--------+---------+--------+-----------+

| 2 | sneha | pune | 25000 | NULL |

| 3 | Savita | Nasik | 28000 | 2000 |

| 4 | pooja | mumbai | 19000 | NULL |

| 5 | Sagar | mumbai | 25000 | 3000 |

+-----+--------+---------+--------+-----------+