# ASSIGNMENT 2

## NAME : SRIJAN CHAKRABORTY
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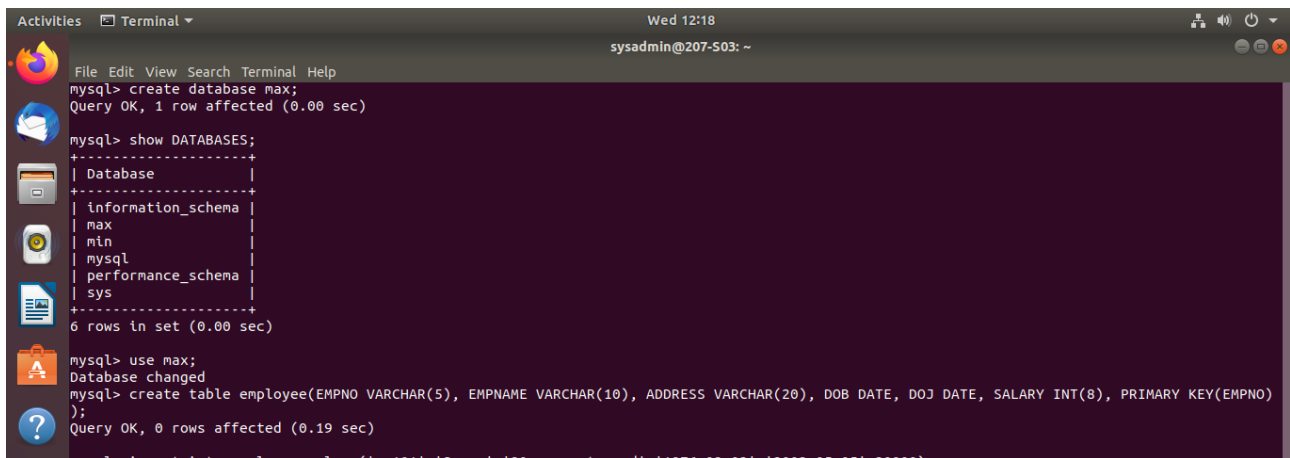### 1. Create a table with the following attributes: employee

| Column Name | Type |
|---|---|
| EMPNO | Varchar 5 |
| EMPNAME | Varchar 10 |
| Address | Varchar 20 |
| Dob(date of birth) | Date |
| Doj(Date of join) | Date |
| Salary | Number 8 |

Step1: create  database max;

Step2: use max;

Step3: create table employee(EMPNO VARCHAR(5), EMPNAME VARCHAR(10), ADDRESS VARCHAR(20), DOB DATE, DOJ DATE, SALARY INT(8), PRIMARY KEY(EMPNO));



### 2  Insert the following data in the table:

query : insert into employee value(&empno,&empname,&address,&dpb,&doj,&salary);

```
mysql> insert into employee values('a-101','Suman','20 convent road','1976-02-03','2003-05-05',20000);
Query OK, 1 row affected (0.04 sec)

mysql> insert into employees values('a-103','Bobby','p.p colony','1973-05-07','2002-05-07',12000);
ERROR 1146 (42S02): Table 'max.employees' doesn't exist
mysql> insert into employee values('a-103','Bobby','p.p colony','1973-05-07','2002-05-07',12000);
Query OK, 1 row affected (0.05 sec)

mysql> insert into employee values('b-101','Shekhar','bidhannagarh kol-66','1971-09-08','2002-07-07',14000);
Query OK, 1 row affected (0.03 sec)

mysql> insert into employee values('c-101','Bobby','behala cal-34','1970-05-07','2002-05-07',5000);
Query OK, 1 row affected (0.03 sec)

mysql> insert into employee values('a-105','Sugoutam','new market cal - 71','1968-05-08','2002-07-03',15000);
Query OK, 1 row affected (0.05 sec)

mysql> insert into employee values('a-104','Bikas','p.p colony','1973-05-07','2002-05-02',11000);
Query OK, 1 row affected (0.04 sec)

mysql> insert into employee values('a-109','Sumanta','p.p colony','1973-05-07','2002-05-07',12000);
Query OK, 1 row affected (0.04 sec)

mysql> select * from employee;
+-------+----------+---------------------+------------+------------+--------+
| EMPNO | EMPNAME  | ADDRESS             | DOB        | DOJ        | SALARY |
+-------+----------+---------------------+------------+------------+--------+
| a-101 | Suman    | 20 convent road     | 1976-02-03 | 2003-05-05 |  20000 |
| a-103 | Bobby    | p.p colony          | 1973-05-07 | 2002-05-07 |  12000 |
| a-104 | Bikas    | p.p colony          | 1973-05-07 | 2002-05-02 |  11000 |
| a-105 | Sugoutam | new market cal - 71 | 1968-05-08 | 2002-07-03 |  15000 |
| a-109 | Sumanta  | p.p colony          | 1973-05-07 | 2002-05-07 |  12000 |
| b-101 | Shekhar  | bidhannagarh kol-66 | 1971-09-08 | 2002-07-07 |  14000 |
| c-101 | Bobby    | behala cal-34       | 1970-05-07 | 2002-05-07 |   5000 |
+-------+----------+---------------------+------------+------------+--------+
7 rows in set (0.00 sec)
```

**3. Write the Sql query to select all employee whose salary is greater than 12000.**

Query: select *  from employee where salary > 12000;

```
mysql> select * from employee where salary > 12000;
+-------+----------+---------------------+------------+------------+--------+
| EMPNO | EMPNAME  | ADDRESS             | DOB        | DOJ        | SALARY |
+-------+----------+---------------------+------------+------------+--------+
| a-101 | Suman    | 20 convent road     | 1976-02-03 | 2003-05-05 |  20000 |
| a-105 | Sugoutam | new market cal - 71 | 1968-05-08 | 2002-07-03 |  15000 |
| b-101 | Shekhar  | bidhannagarh kol-66 | 1971-09-08 | 2002-07-07 |  14000 |
+-------+----------+---------------------+------------+------------+--------+
3 rows in set (0.00 sec)

mysql>
```

**4. Write sql query to see the all information of all employee.**
Query : select * from employee;

```
mysql> select * from employee;
+-------+----------+---------------------+------------+------------+--------+
| EMPNO | EMPNAME  | ADDRESS             | DOB        | DOJ        | SALARY |
+-------+----------+---------------------+------------+------------+--------+
| a-101 | Suman    | 20 convent road     | 1976-02-03 | 2003-05-05 |  20000 |
| a-103 | Bobby    | p.p colony          | 1973-05-07 | 2002-05-07 |  12000 |
| a-104 | Bikas    | p.p colony          | 1973-05-07 | 2002-05-02 |  11000 |
| a-105 | Sugoutam | new market cal - 71 | 1968-05-08 | 2002-07-03 |  15000 |
| a-109 | Sumanta  | p.p colony          | 1973-05-07 | 2002-05-07 |  12000 |
| b-101 | Shekhar  | bidhannagarh kol-66 | 1971-09-08 | 2002-07-07 |  14000 |
| c-101 | Bobby    | behala cal-34       | 1970-05-07 | 2002-05-07 |   5000 |
+-------+----------+---------------------+------------+------------+--------+
7 rows in set (0.00 sec)

mysql>
```

**5. Write sql query to select all employee whose name is bobby.**

Query: select * from table where empname = 'Bobby';

```
mysql> select * from employee where empname = 'Bobby';
+-------+---------+---------------+------------+------------+--------+
| EMPNO | EMPNAME | ADDRESS       | DOB        | DOJ        | SALARY |
+-------+---------+---------------+------------+------------+--------+
| a-103 | Bobby   | p.p colony    | 1973-05-07 | 2002-05-07 |  12000 |
| c-101 | Bobby   | behala cal-34 | 1970-05-07 | 2002-05-07 |   5000 |
+-------+---------+---------------+------------+------------+--------+
2 rows in set (0.00 sec)

mysql>
```

## 6. Write the sql query to change the salary of bikas to 15000.

Query : update employee set salary = 15000 where  empname = 'Bikas';

```
mysql> update employee set SALARY = 15000 where EMPNAME = 'Bikas';
Query OK, 1 row affected (0.04 sec)
Rows matched: 1  Changed: 1  Warnings: 0

mysql> select * from employee;
+-------+----------+----------------------+------------+------------+--------+
| EMPNO | EMPNAME  | ADDRESS              | DOB        | DOJ        | SALARY |
+-------+----------+----------------------+------------+------------+--------+
| a-101 | Suman    | 20 convent road      | 1976-02-03 | 2003-05-05 |  20000 |
| a-103 | Bobby    | p.p colony           | 1973-05-07 | 2002-05-07 |  12000 |
| a-104 | Bikas    | p.p colony           | 1973-05-07 | 2002-05-02 |  15000 |
| a-105 | Sugoutam | new market cal - 71  | 1968-05-08 | 2002-07-03 |  15000 |
| a-109 | Sumanta  | p.p colony           | 1973-05-07 | 2002-05-07 |  12000 |
| b-101 | Shekhar  | bidhannagarh kol-66  | 1971-09-08 | 2002-07-07 |  14000 |
| c-101 | Bobby    | behala cal-34        | 1970-05-07 | 2002-05-07 |   5000 |
+-------+----------+----------------------+------------+------------+--------+
7 rows in set (0.00 sec)

mysql>
```

## 7. Delete the record of the employee whose empno is a-109.

Query: Delete from employee where empno = 'a-109';

```
mysql> Delete from employee where EMPNO = 'a-109';
Query OK, 1 row affected (0.04 sec)

mysql> select * from employee;
+-------+----------+----------------------+------------+------------+--------+
| EMPNO | EMPNAME  | ADDRESS              | DOB        | DOJ        | SALARY |
+-------+----------+----------------------+------------+------------+--------+
| a-101 | Suman    | 20 convent road      | 1976-02-03 | 2003-05-05 |  20000 |
| a-103 | Bobby    | p.p colony           | 1973-05-07 | 2002-05-07 |  12000 |
| a-104 | Bikas    | p.p colony           | 1973-05-07 | 2002-05-02 |  15000 |
| a-105 | Sugoutam | new market cal - 71  | 1968-05-08 | 2002-07-03 |  15000 |
| b-101 | Shekhar  | bidhannagarh kol-66  | 1971-09-08 | 2002-07-07 |  14000 |
| c-101 | Bobby    | behala cal-34        | 1970-05-07 | 2002-05-07 |   5000 |
+-------+----------+----------------------+------------+------------+--------+
6 rows in set (0.00 sec)

mysql>
```