**Assignment Group: A**

**Assignment NO 3**

**Assignment Title**: Create following table

Table Name : Student\_Mark

Table Column Name : Rollno, Name, Marks, Branch

Apply primary key constraint

Insert four records

1 Ravi 90 Computer

2 Vedika 70 Computer

3 Aarush 95 IT

4 Jyoti 60 IT

Display Student Having marks above 70

Display Student Having marks Below70

Display Student Having marks equal to 70 and name is Vedika

Change Student Name Ravi to Sachin

Delete Student whose name is Aarush

Write a Function to display student having max mark.

Display Minimum, Maximum, Average, Sum, Total count of each branch

gescoe@gescoe-OptiPlex-3010:~$ mysql -h 192.168.2.232 -u TEB19 -p

Enter password:

Welcome to the MySQL monitor. Commands end with ; or \g.

Your MySQL connection id is 29

mysql> create table student\_mark(rollno numeric,name varchar(10),marks numeric,branch

varchar(10));

Query OK, 0 rows affected (0.30 sec)

mysql> insert into student\_mark

values(1,'ravi',90,'computer'),(2,'vedika',70,'computer'),(3,'aarush',95,'it'),(4,'jyoti',60,'IT');

Query OK, 4 rows affected (0.04 sec)

Records: 4 Duplicates: 0 Warnings: 0

mysql> select \* from student\_mark;

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

| rollno | name | marks | branch |

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

| 1 | ravi | 90 | computer |

| 2 | vedika | 70 | computer |

| 3 | aarush | 95 | it |

| 4 | jyoti | 60 | IT |

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

4 rows in set (0.01 sec)

mysql> select \* from student\_mark where marks>70;

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

| rollno | name | marks | branch |

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

| 1 | ravi | 90 | computer |

| 3 | aarush | 95 | it |

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

2 rows in set (0.00 sec)

mysql> select \* from student\_mark where marks<70;

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

| rollno | name | marks | branch |

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

| 4 | jyoti | 60 | IT |

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

1 row in set (0.00 sec)

mysql> update student\_mark set name='sachin' where name='ravi';

Query OK, 1 row affected (0.06 sec)

Rows matched: 1 Changed: 1 Warnings: 0

mysql> delete from student\_mark where name='aarush';

Query OK, 1 row affected (0.06 sec)

mysql> select \* from student\_mark;

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

| rollno | name | marks | branch |

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

| 1 | sachin | 90 | computer |

| 2 | vedika | 70 | computer |

| 4 | jyoti | 60 | IT |

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

3 rows in set (0.00 sec)

mysql> select max(marks) from student\_mark;

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

| max(marks) |

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

| 90 |

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

1 row in set (0.00 sec)

mysql> select max(marks) from student\_mark where branch='computer';

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

| max(marks) |

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

| 90 |

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

1 row in set (0.00 sec)

mysql> select max(marks) from student\_mark where branch='IT';

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

| max(marks) |

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

| 60 |

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

1 row in set (0.00 sec)

mysql> select min(marks) from student\_mark where branch='IT';

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

| min(marks) |

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

| 60 |

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

1 row in set (0.00 sec)

mysql> select min(marks) from student\_mark where branch='computer';

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

| min(marks) |

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

| 70 |

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

1 row in set (0.00 sec)

mysql> select avg(marks) from student\_mark where branch='computer';

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

| avg(marks) |

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

| 80.0000 |

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

1 row in set (0.00 sec)

mysql> select avg(marks) from student\_mark where branch='IT';

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

| avg(marks) |

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

| 60.0000 |

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

1 row in set (0.00 sec)

mysql> select sum(marks) from student\_mark where branch='computer';

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

| sum(marks) |

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

| 160 |

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

1 row in set (0.00 sec)

mysql> select count(marks) from student\_mark where branch='computer';

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

| count(marks) |

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

| 2 |

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

1 row in set (0.00 sec)

mysql> select count(marks) from student\_mark where branch='IT';

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

| count(marks) |

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

| 1 |

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