

### ASSIGNMENT NO-3

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 TEB41 -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 |
```

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

4 rows in set (0.00 sec)

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 |  
+-----+
```

