

## Assignment-10

1. Pg. 159 Example: 60

```
MariaDB [samir]> select max(marks),min(marks) from my_class;
+-----+-----+
| max(marks) | min(marks) |
+-----+-----+
|          499 |          5 |
+-----+-----+
1 row in set (0.004 sec)
```

Example: 61

```
MariaDB [samir]> select max(marks) as "MAX_marks" from my_class;
+-----+
| MAX_marks |
+-----+
|          499 |
+-----+
1 row in set (0.001 sec)
```

Example: 62

```
MariaDB [samir]> select avg(marks) as Avg_marks
-> from my_class where marks>100;
+-----+
| Avg_marks |
+-----+
| 336.8333 |
+-----+
1 row in set (0.001 sec)
```

Example: 63

```
MariaDB [samir]> select count(*) Students from my_class;
+-----+
| Students |
+-----+
|          10 |
+-----+
1 row in set (0.001 sec)
```

Example: 64

```
MariaDB [samir]> select count(roll_no) as No_of_students from my_class;
+-----+
| No_of_students |
+-----+
|          10 |
+-----+
1 row in set (0.001 sec)
```

## 2. Pg. 160 Example: 65

```
MariaDB [samir]> select max(roll_no) as max_id,address from my_class group by address;
```

max_id	address
7	NULL
10	Ghorahi
8	Lamahi
3	Rampur
1	Sunpur
5	Tulsipur

```
6 rows in set (0.001 sec)
```

## Example: 66

```
MariaDB [samir]> select count(roll_no) as no_of_students,address from my_class group by address order by roll_no;
```

no_of_students	address
1	Sunpur
2	Rampur
3	Ghorahi
1	Tulsipur
2	NULL
1	Lamahi

```
6 rows in set (0.001 sec)
```

## Example: 67

```
MariaDB [samir]> select count(roll_no) as no_of_students,address from my_class where first_name like 'a%' or first_name like 's%' group by address order by roll_no;
```

no_of_students	address
1	Sunpur
1	NULL
2	Ghorahi

```
3 rows in set (0.001 sec)
```

## 3. Pg. 161 Example: 68

```
MariaDB [samir]> select max(roll_no) as max_id,address from my_class group by address
-> having max(roll_no)>3;
+-----+-----+
| max_id | address |
+-----+-----+
|      7 | NULL    |
|     10 | Ghorahi |
|      8 | Lamahi  |
|      5 | Tulsipur|
+-----+-----+
4 rows in set (0.001 sec)
```

## Example: 69

```
MariaDB [samir]> select count(roll_no) as no_of_students,address from my_class group by address
-> having count(roll_no)<4;
+-----+-----+
| no_of_students | address |
+-----+-----+
|              2 | NULL    |
|              3 | Ghorahi |
|              1 | Lamahi  |
|              2 | Rampur  |
|              1 | Sunpur  |
|              1 | Tulsipur|
+-----+-----+
6 rows in set (0.001 sec)
```

## Example: 70

```
MariaDB [samir]> select max(first_name) as Max_name,marks from my_class group by marks
-> having max(first_name) like'a%' or max(first_name) like'b%';
+-----+-----+
| Max_name | marks |
+-----+-----+
| Bodika   |      5 |
| Bibash   |     155 |
| Anshu    |     401 |
| Bhojraj  |     411 |
+-----+-----+
4 rows in set (0.001 sec)
```