

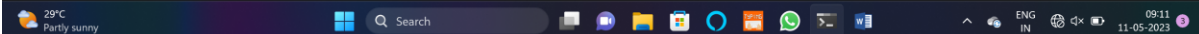
# Database management system

P.Madeena-192211011

## Exp-5=

Between:

```
MySQL 8.0 Command Line Cl...  
+-----+  
| 4 | 9 |  
| 5 | 10 |  
| 4 | 11 |  
+-----+  
8 rows in set (0.00 sec)  
  
mysql> select*from student;  
+-----+  
| rollnum | name | address | phonenum | age |  
+-----+  
| 1 | Harsh | delhi | 90002900 | 18 |  
| 2 | pratik | bihar | 92002900 | 19 |  
| 3 | riyanka | silguri | 91002900 | 20 |  
| 4 | deep | ramnagar | 93002900 | 18 |  
| 5 | saptarhi | kolkata | 94002900 | 19 |  
| 6 | dhanraj | barbajar | 95002900 | 20 |  
| 7 | rohit | balurghat | 96002900 | 18 |  
| 8 | niraj | alipur | 97002900 | 19 |  
+-----+  
8 rows in set (0.00 sec)  
  
mysql> select name,rollnum,address from student where age between 18 and 20;  
+-----+  
| name | rollnum | address |  
+-----+  
| Harsh | 1 | delhi |  
| pratik | 2 | bihar |  
| riyanka | 3 | silguri |  
| deep | 4 | ramnagar |  
| saptarhi | 5 | kolkata |  
| dhanraj | 6 | barbajar |  
| rohit | 7 | balurghat |  
| niraj | 8 | alipur |  
+-----+  
8 rows in set (0.00 sec)
```



## Aggregate functions:

```
mysql> select count(name) from student;
+-----+
| count(name) |
+-----+
|            8 |
+-----+
1 row in set (0.00 sec)

mysql> select max(rollnum) from student;
+-----+
| max(rollnum) |
+-----+
|            8 |
+-----+
1 row in set (0.00 sec)

mysql> select min(rollnum) from student;
+-----+
| min(rollnum) |
+-----+
|            1 |
+-----+
1 row in set (0.00 sec)

mysql> select rollnum,name,age from student order by phonenum limit 4;
+-----+-----+-----+
| rollnum | name  | age |
+-----+-----+-----+
|        1 | Harsh | 18  |
|        3 | riyanka | 20  |
|        2 | pratik | 19  |
|        4 | deep  | 18  |
+-----+-----+-----+
4 rows in set (0.00 sec)

mysql> select rollnum,name,age from student order by phonenum desc limit 4;
+-----+-----+-----+
| rollnum | name  | age |
+-----+-----+-----+
|        8 | niraj | 19  |
|        7 | rohit | 18  |
|        6 | dhanraj | 20  |
|        5 | saptarhi | 19  |
+-----+-----+-----+
4 rows in set (0.00 sec)

mysql> |
```

In:

```
MySQL 8.0 Command Line Cll X + v
| max(rollnum) |
+-----+
|          8 |
+-----+
1 row in set (0.00 sec)

mysql> select min(rollnum) from student;
+-----+
| min(rollnum) |
+-----+
|          1 |
+-----+
1 row in set (0.00 sec)

mysql> select rollnum,name,age from student order by phonenum limit 4;
+-----+-----+-----+
| rollnum | name  | age |
+-----+-----+-----+
|        1 | Harsh | 18  |
|        3 | riyanka | 20  |
|        2 | pratik | 19  |
|        4 | deep  | 18  |
+-----+-----+-----+
4 rows in set (0.00 sec)

mysql> select rollnum,name,age from student order by phonenum desc limit 4;
+-----+-----+-----+
| rollnum | name  | age |
+-----+-----+-----+
|        8 | niraj | 19  |
|        7 | rohit | 18  |
|        6 | dhanraj | 20  |
|        5 | saptarhi | 19  |
+-----+-----+-----+
4 rows in set (0.00 sec)

mysql> select name,age,address from student where age in(18);
+-----+-----+-----+
| name  | age | address |
+-----+-----+-----+
| Harsh | 18  | delhi   |
| deep  | 18  | ramnagar |
| rohit | 18  | balurghat |
+-----+-----+-----+
3 rows in set (0.00 sec)

mysql> |
```

29°C Partly sunny  
Search  
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09:18 11-05-2023