

Different ways to use 'select' statement in SQL, DBMS MySQL.

```
mysql> select *from student where roll_no<45 span="">
```

```
+----+----+----+
```

```
| f_name | s_name | roll_no |
```

```
+----+----+----+
```

```
| prasan | s | 40 |
```

```
| noman | r | 36 |
```

```
| ayushi | m | 9 |
```

```
| minal | m | 35 |
```

```
| khushi | j | 20 |
```

```
| nikita | m | 34 |
```

```
| kiran | m | 23 |
```

```
+----+----+----+
```

```
7 rows in set (0.00 sec)
```

```
mysql> select *from student where roll_no<=45;
```

```
+----+----+----+
```

```
| f_name | s_name | roll_no |
```

```
+----+----+----+
```

```
| ritesh | v | 45 |
```

```
| prasan | s | 40 |
```

```
| noman | r | 36 |
```

```
| ayushi | m | 9 |
```

```
| minal | m | 35 |
```

```
| khushi | j | 20 |
```

```
| nikita | m | 34 |
```

```
| kiran | m | 23 |  
+----+----+----+  
8 rows in set (0.00 sec)
```

```
mysql> select f_name from student;
```

```
+-----+  
| f_name |  
+-----+  
| ritesh |  
| vishwadeep |  
| prasan |  
| noman |  
| ayushi |  
| tejal |  
| minal |  
| khushi |  
| nikita |  
| kiran |  
+-----+  
10 rows in set (0.00 sec)
```

```
mysql> select s_name from student;
```

```
+----+  
| s_name |  
+----+  
| v |  
| d |
```

s

r

m

c

m

j

m

m

--

10 rows in set (0.00 sec)

```
mysql> select roll_no from student;
```

--

roll_no

--

45

61

40

36

9

54

35

20

34

23

--

10 rows in set (0.00 sec)

```
mysql> select * from student;
```

```
+-----+-----+-----+
| f_name | s_name | roll_no |
+-----+-----+-----+
| ritesh | v | 45 |
| vishwadeep | d | 61 |
| prasan | s | 40 |
| noman | r | 36 |
| ayushi | m | 9 |
| tejal | c | 54 |
| minal | m | 35 |
| khushi | j | 20 |
| nikita | m | 34 |
| kiran | m | 23 |
```

```
+-----+-----+-----+
10 rows in set (0.00 sec)
```

```
mysql> select * from student where roll_no like 45;
```

```
+-----+-----+-----+
| f_name | s_name | roll_no |
+-----+-----+-----+
| ritesh | v | 45 |
```

```
+-----+-----+-----+
1 row in set (0.00 sec)
```

```
mysql> select * from student where f_name like 'n';
```

```
Empty set (0.00 sec)
```

```
mysql> select * from student where f_name like 'no';  
Empty set (0.00 sec)
```

```
mysql> select * from student where s_name like 'v';  
+----+----+----+  
| f_name | s_name | roll_no |  
+----+----+----+  
| ritesh | v | 45 |  
+----+----+----+  
1 row in set (0.00 sec)
```

```
mysql> select * from student where f_name like 'v';  
Empty set (0.00 sec)
```

```
mysql> select * from student where f_name like 'v%';  
+----+----+----+  
| f_name | s_name | roll_no |  
+----+----+----+  
| vishwadeep | d | 61 |  
+----+----+----+  
1 row in set (0.00 sec)
```

```
mysql> select * from student where f_name like 'n%';  
+----+----+----+  
| f_name | s_name | roll_no |  
+----+----+----+  
| noman | r | 36 |
```

```
| nikita | m | 34 |  
+----+----+----+  
2 rows in set (0.00 sec)
```

```
mysql> select * from student where f_name like 'no%';  
+----+----+----+  
| f_name | s_name | roll_no |  
+----+----+----+  
| noman | r | 36 |  
+----+----+----+  
1 row in set (0.00 sec)
```

```
mysql> select * from student where f_name like '%n';  
+----+----+----+  
| f_name | s_name | roll_no |  
+----+----+----+  
| prasan | s | 40 |  
| noman | r | 36 |  
| kiran | m | 23 |  
+----+----+----+  
3 rows in set (0.00 sec)
```

```
mysql> select * from student where f_name like '%n%';  
+----+----+----+  
| f_name | s_name | roll_no |  
+----+----+----+  
| prasan | s | 40 |
```

```
| noman | r | 36 |
| minal | m | 35 |
| nikita | m | 34 |
| kiran | m | 23 |
+-----+
5 rows in set (0.00 sec)
```

```
mysql> select count() from student;
```

```
+-----+ | count() |
+-----+
| 10 |
+-----+
1 row in set (0.01 sec)
```

```
mysql> select count(f_name) from student;
```

```
+-----+
| count(f_name) |
+-----+
| 10 |
+-----+
1 row in set (0.00 sec)
```

```
mysql> select max(roll_no) from student;
```

```
+-----+
| max(roll_no) |
+-----+
```

```
| 61 |
```

```
+-----+
```

```
1 row in set (0.00 sec)
```

```
mysql> select min(roll_no) from student;
```

```
+-----+
```

```
| min(roll_no) |
```

```
+-----+
```

```
| 9 |
```

```
+-----+
```

```
1 row in set (0.00 sec)
```

```
mysql> select sum(roll_no) from student;
```

```
+-----+
```

```
| sum(roll_no) |
```

```
+-----+
```

```
| 357 |
```

```
+-----+
```

```
1 row in set (0.00 sec)
```

```
mysql> select f_name from student where f_name like "kiran";
```

```
+----+
```

```
| f_name |
```

```
+----+
```

```
| kiran |
```

```
+----+
```

```
1 row in set (0.00 sec)
```



```
mysql> select * from student where f_name like "kiran";
```

```
+----+----+----+
| f_name | s_name | roll_no |
+----+----+----+
| kiran | m | 23 |
+----+----+----+
1 row in set (0.00 sec)
```

```
mysql> select * from student where roll_no like '36';
```

```
+----+----+----+
| f_name | s_name | roll_no |
+----+----+----+
| noman | r | 36 |
+----+----+----+
1 row in set (0.00 sec)
```

```
mysql> select distinct f_name,roll_no from student;
```

```
+----+----+
| f_name | roll_no |
+----+----+
| ritesh | 45 |
| vishwadeep | 61 |
| prasan | 40 |
| noman | 36 |
| ayushi | 9 |
| tejal | 54 |
| minal | 35 |
```

```
| khushi | 20 |  
| nikita | 34 |  
| kiran | 23 |  
+-----+-----+  
10 rows in set (0.00 sec)
```

```
mysql> select distinct s_name,roll_no from student;
```

```
+-----+-----+  
| s_name | roll_no |  
+-----+-----+  
| v | 45 |  
| d | 61 |  
| s | 40 |  
| r | 36 |  
| m | 9 |  
| c | 54 |  
| m | 35 |  
| j | 20 |  
| m | 34 |  
| m | 23 |  
+-----+-----+  
10 rows in set (0.00 sec)
```

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