

Enter password: \*\*\*\*\*

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

Your MySQL connection id is 24

Server version: 8.0.43 MySQL Community Server - GPL

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Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

```
mysql> show databases;
```

Database
databasename
information_schema
mydb
mysql
nit
performance_schema
sys
testdb

8 rows in set (0.00 sec)

```
mysql> use nit
```

Database changed

```
mysql> show tables;
```

Tables_in_nit
student

1 row in set (0.01 sec)

```
mysql> delete from student where name='simran';
```

Query OK, 0 rows affected (0.00 sec)

```
mysql> show table;
```

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near '' at line 1

```
mysql> show tables;
```

Tables_in_nit
student

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

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

```
+-----+-----+-----+
| id | name | marks |
+-----+-----+-----+
| 123 | sim  | 45    |
| 134 | sam  | 46    |
| 980 | samu | 47    |
| 789 | qur  | 48    |
| 456 | ummer| 47    |
+-----+-----+-----+
5 rows in set (0.00 sec)
```

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

```
+-----+
| sum(marks) |
+-----+
|          233 |
+-----+
1 row in set (0.00 sec)
```

```
mysql> select avg(marks) from student;
```

```
+-----+
| avg(marks) |
+-----+
|    46.6000 |
+-----+
1 row in set (0.00 sec)
```

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

ERROR 1630 (42000): FUNCTION nit.count does not exist. Check the 'Function Name Parsing and Resolution' section in the Reference Manual

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

```
+-----+
| count(name) |
+-----+
|           5 |
+-----+
1 row in set (0.00 sec)
```

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

```
+-----+
| max(marks) |
+-----+
|          48 |
+-----+
1 row in set (0.00 sec)
```

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

```
+-----+
| min(marks) |
+-----+
|          45 |
+-----+
```

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

```
mysql> select * from student order ny marks;
```

```
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'select * from student order ny marks' at line 1
```

```
mysql> select * from student order by marks;
```

```
+-----+-----+-----+
| id  | name  | marks |
+-----+-----+-----+
| 123 | sim   | 45    |
| 134 | sam   | 46    |
| 980 | samu  | 47    |
| 456 | ummer | 47    |
| 789 | qur   | 48    |
+-----+-----+-----+
```

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

```
mysql> select * from student order by marks desc;
```

```
+-----+-----+-----+
| id  | name  | marks |
+-----+-----+-----+
| 789 | qur   | 48    |
| 980 | samu  | 47    |
| 456 | ummer | 47    |
| 134 | sam   | 46    |
| 123 | sim   | 45    |
+-----+-----+-----+
```

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

```
mysql> select * from student where name like 'a%';
```

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

```
mysql> select * from student where name like 's%';
```

```
+-----+-----+-----+
| id  | name  | marks |
+-----+-----+-----+
| 123 | sim   | 45    |
| 134 | sam   | 46    |
| 980 | samu  | 47    |
+-----+-----+-----+
```

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

```
mysql> select * from student where name like 'm%';
```

Empty set (0.00 sec)

```
mysql> select * from student where name like '_a%';
```

id	name	marks
134	sam	46
980	samu	47

2 rows in set (0.00 sec)

```
mysql> select * from student where name like '_a%';
```

id	name	marks
134	sam	46
980	samu	47

2 rows in set (0.00 sec)

```
mysql> select * from student where name like 's_%';
```

id	name	marks
123	sim	45
134	sam	46
980	samu	47

3 rows in set (0.00 sec)

```
mysql> select * from student name like '%s_';
```

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'like '%s\_'' at line 1

```
mysql> select * from student where name like '%b_';
```

Empty set (0.00 sec)

```
mysql> create table emp(id int not null primary key,salary int, empcode int,name varchar(30));
```

Query OK, 0 rows affected (0.04 sec)

```
mysql> insert into emp values
```

```
(12,20000,102,'almas'),(23,60000,104,'simi'),(78,30000,105,'maxi'),(80,25000,103,'rubin'),(34,90000,106,'renu');
```

Query OK, 5 rows affected (0.01 sec)

Records: 5 Duplicates: 0 Warnings: 0

```
mysql> select * from emp;
```

id	salary	empcode	name
----	--------	---------	------

12	20000	102	almas
23	60000	104	simi
34	90000	106	renu
78	30000	105	maxi
80	25000	103	rubi

5 rows in set (0.00 sec)

mysql> select \* from student;

id	name	marks
123	sim	45
134	sam	46
980	samu	47
789	qur	48
456	ummer	47

5 rows in set (0.00 sec)

mysql> select \* from emp;

id	salary	empcode	name
12	20000	102	almas
23	60000	104	simi
34	90000	106	renu
78	30000	105	maxi
80	25000	103	rubi

5 rows in set (0.00 sec)

mysql> select \* from student inner join emp on student .id=emp.id;  
Empty set (0.00 sec)

mysql> select \* from student inner join emp on student.id=emp.id;  
Empty set (0.00 sec)

mysql> select \* from emp inner join student on emp.id=student.id;  
Empty set (0.00 sec)

mysql> select \* from student right join emp on student.id=emp.id;

id	name	marks	id	salary	empcode	name
NULL	NULL	NULL	12	20000	102	almas
NULL	NULL	NULL	23	60000	104	simi
NULL	NULL	NULL	34	90000	106	renu
NULL	NULL	NULL	78	30000	105	maxi

NULL	NULL	NULL	80	25000	103	rubi
------	------	------	----	-------	-----	------

5 rows in set (0.00 sec)

```
mysql> select * from student cross join emp;
```

id	name	marks	id	salary	empcode	name
456	ummer	47	12	20000	102	almas
789	qur	48	12	20000	102	almas
980	samu	47	12	20000	102	almas
134	sam	46	12	20000	102	almas
123	sim	45	12	20000	102	almas
456	ummer	47	23	60000	104	simi
789	qur	48	23	60000	104	simi
980	samu	47	23	60000	104	simi
134	sam	46	23	60000	104	simi
123	sim	45	23	60000	104	simi
456	ummer	47	34	90000	106	renu
789	qur	48	34	90000	106	renu
980	samu	47	34	90000	106	renu
134	sam	46	34	90000	106	renu
123	sim	45	34	90000	106	renu
456	ummer	47	78	30000	105	maxi
789	qur	48	78	30000	105	maxi
980	samu	47	78	30000	105	maxi
134	sam	46	78	30000	105	maxi
123	sim	45	78	30000	105	maxi
456	ummer	47	80	25000	103	rubi
789	qur	48	80	25000	103	rubi
980	samu	47	80	25000	103	rubi
134	sam	46	80	25000	103	rubi
123	sim	45	80	25000	103	rubi

25 rows in set (0.00 sec)