

```
mysql> show databases;
+-----+
| Database      |
+-----+
| customers    |
| information_schema |
| mydb          |
| mysql          |
| nit           |
| performance_schema |
| sys           |
+-----+
7 rows in set (0.00 sec)
```

```
mysql> use customers;
Database changed
mysql>
mysql> create table customers(
->     id int not null primary key,
->     name varchar(30),
->     age int not null,
->     adress varchar(50),
->     salary decimal(10.2));
Query OK, 0 rows affected (0.06 sec)
```

```
mysql> desc customers;
```

Field	Type	Null	Key	Default	Extra
id	int	NO	PRI	NULL	
name	varchar(30)	YES		NULL	
age	int	NO		NULL	
adress	varchar(50)	YES		NULL	

```
mysql> desc customers;
+-----+-----+-----+-----+
| Field | Type      | Null | Key | Default | Extra |
+-----+-----+-----+-----+
| id    | int       | NO   | PRI | NULL    |          |
| name  | varchar(30) | YES  |     | NULL    |          |
| age   | int       | NO   |     | NULL    |          |
| adress | varchar(50) | YES  |     | NULL    |          |
| salary | decimal(10,0) | YES  |     | NULL    |          |
+-----+-----+-----+-----+
5 rows in set (0.00 sec)

mysql> show tables;
+-----+
| Tables_in_customers |
+-----+
| customers           |
+-----+
1 row in set (0.00 sec)

mysql> inser into customers value(1,'Ramesh',32,'Ahmedabad',2000.00),
      -> (2,'Khilan',25,'Delhi',1500.00),
      -> (3,'Kaushik',23,'kota',2000.00),
      -> (4,'Chaitali',25,'Mumbai',6500.00),
      -> (5,'Hardik',27,'Bhopal',8500.00),
      -> (6,'Komal',22,'MP',4500.00),
      -> (7,'Muffy',24,'Indore',10000.00);
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 'inser into customers value(1,'Ramesh',32,'Ahmedabad',2000.00),  
(2,'Khilan',25,'D' at line 1
mysql> use customers;
Database changed
```

```
MySQL 8.0 Command Line Cli  X  +  ▾
```

```
mysql> insert into customers value(1,'Ramesh',32,'Ahmedabad',2000.00),
->      (2,'Khilan',25,'Delhi',1500.00),
->      (3,'Kaushik',23,'kota',2000.00),
->      (4,'Chaitali',25,'Mumbai',6500.00),
->      (5,'Hardik',27,'Bhopal',8500.00),
->      (6,'Komal',22,'MP',4500.00),
->      (7,'Muffy',24,'Indore',10000.00);
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 'Komal,22,'MP',4500.00),
    (7,'Muffy',24,'Indore',10000.00)' at line 6
mysql> insert into customers value(1,'Ramesh',32,'Ahmedabad',2000.00),
->      (2,'Khilan',25,'Delhi',1500.00),
->      (3,'Kaushik',23,'kota',2000.00),
->      (4,'Chaitali',25,'Mumbai',6500.00),
->      (5,'Hardik',27,'Bhopal',8500.00),
->      (6,'Komal',22,'MP',4500.00),
->      (7,'Muffy',24,'Indore',10000.00);
Query OK, 7 rows affected (0.01 sec)
Records: 7  Duplicates: 0  Warnings: 0

mysql> select * from customers;
+----+-----+----+-----+-----+
| id | name   | age | adress  | salary |
+----+-----+----+-----+-----+
| 1  | Ramesh | 32 | Ahmedabad | 2000 |
| 2  | Khilan | 25 | Delhi     | 1500 |
| 3  | Kaushik | 23 | kota      | 2000 |
| 4  | Chaitali | 25 | Mumbai    | 6500 |
| 5  | Hardik  | 27 | Bhopal   | 8500 |
| 6  | Komal   | 22 | MP        | 4500 |
| 7  | Muffy   | 24 | Indore   | 10000|
+----+-----+----+-----+-----+
7 rows in set (0.00 sec)
```

```
MySQL 8.0 Command Line Cli  X  +  ▾

mysql> select * from customers where salary > 5000;
+----+-----+-----+-----+
| id | name      | age   | adress | salary |
+----+-----+-----+-----+
|  4 | Chaitali  |  25  | Mumbai |    6500 |
|  5 | Hardik    |  27  | Bhopal |    8500 |
|  7 | Muffy     |  24  | Indore | 100000 |
+----+-----+-----+-----+
3 rows in set (0.03 sec)

mysql> select * from customers where salary > 2000;
+----+-----+-----+-----+
| id | name      | age   | adress | salary |
+----+-----+-----+-----+
|  4 | Chaitali  |  25  | Mumbai |    6500 |
|  5 | Hardik    |  27  | Bhopal |    8500 |
|  6 | Komal     |  22  | MP     |    4500 |
|  7 | Muffy     |  24  | Indore | 100000 |
+----+-----+-----+-----+
4 rows in set (0.00 sec)

mysql> select * from customers where salary != 2000;
+----+-----+-----+-----+
| id | name      | age   | adress | salary |
+----+-----+-----+-----+
|  2 | Khilan    |  25  | Delhi  |    1500 |
|  4 | Chaitali  |  25  | Mumbai |    6500 |
|  5 | Hardik    |  27  | Bhopal |    8500 |
|  6 | Komal     |  22  | MP     |    4500 |
|  7 | Muffy     |  24  | Indore | 100000 |
+----+-----+-----+-----+
5 rows in set (0.00 sec)
```

```
mysql> select * from customers where salary <> 2000;
```

id name age adress salary
2 Khilan 25 Delhi 1500
4 Chaitali 25 Mumbai 6500
5 Hardik 27 Bhopal 8500
6 Komal 22 MP 4500
7 Muffy 24 Indore 10000

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

```
mysql> slect * from customers where salary >= 6500;
```

```
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 'slect * from customers where salary >= 6500' at line 1
```

```
mysql> select * from customers where salary >= 6500;
```

id name age adress salary
4 Chaitali 25 Mumbai 6500
5 Hardik 27 Bhopal 8500
7 Muffy 24 Indore 10000

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

```
mysql> select * from customers;
```

id name age adress salary
1 Ramesh 32 Ahmedabad 2000
2 Khilan 25 Delhi 1500
3 Kaushik 23 kota 2000

```
mysql> select * from customers;
```

id name age adress salary
1 Ramesh 32 Ahmedabad 2000
2 Khilan 25 Delhi 1500
3 Kaushik 23 kota 2000
4 Chaitali 25 Mumbai 6500
5 Hardik 27 Bhopal 8500
6 Komal 22 MP 4500
7 Muffy 24 Indore 10000

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

```
mysql> select * from customers where age >= 25 and salary >= 6500;
```

id name age adress salary
4 Chaitali 25 Mumbai 6500
5 Hardik 27 Bhopal 8500

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

```
mysql> select * from customers where age >= 25 or salary >= 6500;
```

id name age adress salary
1 Ramesh 32 Ahmedabad 2000
2 Khilan 25 Delhi 1500
4 Chaitali 25 Mumbai 6500
5 Hardik 27 Bhopal 8500
7 Muffy 24 Indore 10000

```
mysql> select * from customers where age >= 25 or salary >= 6500;
+----+-----+-----+-----+
| id | name      | age   | adress    | salary |
+----+-----+-----+-----+
|  1 | Ramesh    | 32    | Ahmedabad | 2000  |
|  2 | Khilan    | 25    | Delhi     | 1500  |
|  4 | Chaitali  | 25    | Mumbai    | 6500  |
|  5 | Hardik    | 27    | Bhopal   | 8500  |
|  7 | Muffy     | 24    | Indore   | 10000 |
+----+-----+-----+-----+
5 rows in set (0.00 sec)

mysql> select * from customers where age is not null;
+----+-----+-----+-----+
| id | name      | age   | adress    | salary |
+----+-----+-----+-----+
|  1 | Ramesh    | 32    | Ahmedabad | 2000  |
|  2 | Khilan    | 25    | Delhi     | 1500  |
|  3 | Kaushik   | 23    | kota      | 2000  |
|  4 | Chaitali  | 25    | Mumbai    | 6500  |
|  5 | Hardik    | 27    | Bhopal   | 8500  |
|  6 | Komal     | 22    | MP        | 4500  |
|  7 | Muffy     | 24    | Indore   | 10000 |
+----+-----+-----+-----+
7 rows in set (0.00 sec)

mysql> select * from customers where name like 'Ko%';
+----+-----+-----+-----+
| id | name   | age   | adress | salary |
+----+-----+-----+-----+
|  6 | Komal  | 22   | MP     | 4500  |
+----+-----+-----+-----+
1 row in set (0.03 sec)
```

MySQL 8.0 Command Line Cli X + ▾

```
mysql> select * from customers where name like 'Ko%';
```

id	name	age	adress	salary
6	Komal	22	MP	4500

```
1 row in set (0.03 sec)
```

```
mysql> select * from customers where age in (25, 27);
```

id	name	age	adress	salary
2	Khilan	25	Delhi	1500
4	Chaitali	25	Mumbai	6500
5	Hardik	27	Bhopal	8500

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

```
mysql> select * from customers where age between 25 and 27;
```

id	name	age	adress	salary
2	Khilan	25	Delhi	1500
4	Chaitali	25	Mumbai	6500
5	Hardik	27	Bhopal	8500

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

```
mysql> select age from customer where exists(select age from customers where salary > 6500);
```

```
ERROR 1146 (42S02): Table 'customers.customer' doesn't exist
```

```
mysql> select age from customers where exists(select age from customers where salary > 6500);
```

age

MySQL 8.0 Command Line Cli X + ▾

```
mysql> select age from customers where exists(select age from customers where salary > 6500);
```

age
32
25
23
25
27
22
24

```
7 rows in set (0.03 sec)
```

```
mysql> select age from customers where age > all(select age from customers where salary > 6500);
```

age
32

```
1 row in set (0.03 sec)
```

```
mysql> select * from customers where age > all (select age from customers where salary > 6500);
```

id	name	age	adress	salary
1	Ramesh	32	Ahmedabad	2000

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

```
mysql> select * from customers where age > any (select age from customers where salary > 6500);
+----+-----+----+-----+-----+
| id | name   | age | adress  | salary |
+----+-----+----+-----+-----+
| 1  | Ramesh | 32 | Ahmedabad | 2000 |
| 2  | Khilan | 25 | Delhi    | 1500 |
| 4  | Chaitali | 25 | Mumbai   | 6500 |
| 5  | Hardik | 27 | Bhopal   | 8500 |
+----+-----+----+-----+-----+
4 rows in set (0.00 sec)
```

```
mysql> select * from customers where salary = 10000;
+----+-----+-----+-----+
| id | name  | age   | adress | salary |
+----+-----+-----+-----+
|  7 | Muffy |  24   | Indore | 10000 |
+----+-----+-----+-----+
1 row in set (0.00 sec)
```

```
mysql> select count(*) as ''records" from customers;
      "> select count(*) as ''records" from customers;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to yo
t syntax to use near 'records" from customers;
select count(*) as ''records" from customers' at line 1
mysql> select count(*) as "records" from customers;
+-----+
| records |
+-----+
|      7 |
+-----+
1 row in set (0.03 sec)
```

```
mysql> select currebt_timestamp;
ERROR 1054 (42S22): Unknown column 'currebt_timestamp' in 'field list'
mysql> select current_timestamp;
+-----+
| current_timestamp    |
+-----+
| 2025-11-16 22:48:25 |
+-----+
1 row in set (0.03 sec)
```

Default

x + ▾

id name age adress salary
1 Ramesh 32 Ahmedabad 2000
2 Khilan 25 Delhi 1500
3 Kaushik 23 kota 2000
4 Chaitali 25 Mumbai 6500
5 Hardik 27 Bhopal 8500
6 Komal 22 MP 4500
7 Muffy 24 Indore 10000

7 rows in set (0.00 sec)

mysql> show tables;

+-----+
Tables_in_customers
+-----+
customers
salary
+-----+

2 rows in set (0.01 sec)

mysql> select * from salary;

+-----+ <th data-cs="2" data-kind="parent"> </th> <th data-kind="ghost"></th>		
ID SALARY		
+-----+		
1 2000		
2 1500		
3 2000		
4 6500		
5 8500		
6 4500		
7 10000		
+-----+ <th data-cs="2" data-kind="parent"> </th> <th data-kind="ghost"></th>		