

Last login: Fri Nov 14 07:14:47 on ttys025
(base) mahidharreddy@Mahidhars-MacBook-Air ~ % mysql -u root -p

Enter password:
Welcome to the MySQL monitor. Commands end with ; or \g.
Your MySQL connection id is 28
Server version: 9.5.0 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
baseball
company_db
employee
information_schema
mydb
mysql
nit
performance_schema
sys

9 rows in set (0.04 sec)

mysql> use employee;

Database changed

mysql> show tables;

Empty set (0.00 sec)

mysql> create table customers (ID int,

 -> Name varchar,

 -> Age int,

 -> Address varchar,

 -> salary float);

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

Age int,

Address varchar,

salary float)' at line 2

mysql> create table customers (ID int, 'Name' varchar, Age int, 'Address' varchar,

 -> salary float);

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 '' Name' varchar, Age int, 'Address' varchar, salary float)' at line 1

mysql> create table customers (ID int, 'Name' varchar(50), Age int, 'Address' varchar(50), salary float);

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 '' Name' varchar(50), Age int, 'Address' varchar(50), salary float)' at line 1

mysql> CREATE TABLE customers (

 -> ID INT,

 -> Name VARCHAR(50),

 -> Age INT,

 -> Address VARCHAR(100),

 -> Salary FLOAT

);

Query OK, 0 rows affected (0.07 sec)

mysql> insert into customers values(1,'Ramesh',32,'Ahmedabad',2000.00);

Query OK, 1 row affected (0.02 sec)

mysql> insert into customers values(2,'Khilan',25,'Delhi',1500.00),(3,'Kaushik',23,'Kota',2000.00),(4,'Chaitali',25,'Mumbai',6500.00),(5,'Hardik',27,'Bhopal',8500.00);

Query OK, 6 rows affected (0.01 sec)

Records: 6 Duplicates: 0 Warnings: 0

mysql> select * from customers;

ID	Name	Age	Address	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 (0.01 sec)

mysql> select 10 + 20;

10 + 20

30

1 row in set (0.00 sec)

mysql> select 10 * 20;

10 * 20

200

1 row in set (0.01 sec)

mysql> select 10 / 20;

10 / 20

0.5000

1 row in set (0.00 sec)

mysql> select 12 %50;

12 %50

12

1 row in set (0.00 sec)

mysql> 12 % 5;
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 '12 % 5' at line 1

mysql> select 12 % 5;

12 % 5

2

1 row in set (0.00 sec)

mysql> select * from customers where salary > 5000;

ID	Name	Age	Address	Salary
4	Chaitali	25	Mumbai	6500
5	Hardik	27	Bhopal	8500
7	Muffy	24	Indore	10000

3 rows in set (0.01 sec)

mysql> select * from customers where salary > 2000;

ID	Name	Age	Address	Salary
4	Chaitali	25	Mumbai	6500
5	Hardik	27	Bhopal	8500
6	Komal	22	MP	4500
7	Muffy	24	Indore	10000

4 rows in set (0.00 sec)

mysql> select * from customers where salary = 2000;

ID	Name	Age	Address	Salary
----	------	-----	---------	--------

ID	Name	Age	Address	Salary
1	Ramesh	32	Ahmedabad	2000
3	Kaushik	23	Kota	2000

2 rows in set (0.00 sec)

mysql> select * from customers where salary != 2000;

ID	Name	Age	Address	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> select * from customers where salary <> 2000;

ID	Name	Age	Address	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> select * from customers where salary >=6500;

ID	Name	Age	Address	Salary
4	Chaitali	25	Mumbai	6500
5	Hardik	27	Bhopal	8500
7	Muffy	24	Indore	10000

3 rows in set (0.02 sec)

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

ID	Name	Age	Address	Salary
1	Ramesh	32	Ahmedabad	2000
2	Khilan	25	Delhi	1500
3	Kaushik	23	Kota	2000
4	Chaitali	25	Mumbai	6500
6	Komal	22	MP	4500

5 rows in set (0.00 sec)

mysql> select * from customers;

ID	Name	Age	Address	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 (0.01 sec)

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

ID	Name	Age	Address	Salary
4	Chaitali	25	Mumbai	6500
5	Hardik	27	Bhopal	8500

2 rows in set (0.01 sec)

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

ID	Name	Age	Address	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 sutomers where age is not null;

ERROR 1146 (42S02): Table 'employee.sutomers' doesn't exist

mysql> select * from cutomers where age is not null;

ERROR 1146 (42S02): Table 'employee.cutomers' doesn't exist

mysql> slect * from customers where age is not null;

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 age is not null' a

t line 1

mysql> select * from customers where age is not null;

ID	Name	Age	Address	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';

Empty set (0.00 sec)

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

Empty set (0.00 sec)

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

ID	Name	Age	Address	Salary
6	Komal	22	MP	4500

1 row in set (0.00 sec)

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

ID	Name	Age	Address	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;

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 'between 25 and 27' at line 1

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

ID	Name	Age	Address	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 customers;

age

```

+-----+
| 32 |
| 25 |
| 23 |
| 25 |
| 27 |
| 22 |
| 24 |
+-----+
7 rows in set (0.00 sec)

mysql> select * from customers where age > any(select age from customers where salary >6500);
+-----+
| ID | Name | Age | Address | 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 (0.02 sec)

mysql> select * from customers where age > all (select age from customers where salary >6500);
+-----+
| ID | Name | Age | Address | Salary |
+-----+
| 1 | Ramesh | 32 | Ahmedabad | 2000 |
+-----+
1 row in set (0.00 sec)

mysql>
mysql> select * from customers;
+-----+
| ID | Name | Age | Address | 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 salary = 10000;
+-----+
| ID | Name | Age | Address | Salary |
+-----+
| 7 | Muffy | 24 | Indore | 10000 |
+-----+
1 row in set (0.01 sec)

mysql> select (15+6) as addition;
+-----+
| addition |
+-----+
| 21 |
+-----+
1 row in set (0.00 sec)

mysql> select * as 'records' from customers;
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 'as 'records' from customers' at line 1
mysql> select(*) as "records" from customers;
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 '*) as "Records" from customers' at line 1
mysql> select count (*) as "Records" from customers;
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 '*) 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 current_timestamp;
+-----+
| current_timestamp |
+-----+
| 2025-11-16 07:24:48 |
+-----+
1 row in set (0.01 sec)

mysql> select getdate();
ERROR 1305 (42000): FUNCTION employee.getdate does not exist
mysql> select getdate();
ERROR 1305 (42000): FUNCTION employee.getdate does not exist
ERROR:
No query specified

mysql> select GETDATE();
ERROR 1305 (42000): FUNCTION employee.GETDATE does not exist
ERROR:
No query specified

mysql> SELECT NOW();
+-----+
| NOW() |
+-----+
| 2025-11-16 07:27:07 |
+-----+
1 row in set (0.01 sec)

mysql> create database testDB;
Query OK, 1 row affected (0.10 sec)

mysql> show databases;
+-----+
| Database |
+-----+
| baseball |
| company_db |
| employee |
| information_schema |
| mydb |
| mysql |
| nit |
| performance_schema |
| sys |
| testDB |
+-----+
10 rows in set (0.02 sec)

mysql> drop database testDB;
Query OK, 0 rows affected (0.02 sec)

mysql> show databases;
+-----+
| Database |
+-----+
| baseball |
| company_db |
| employee |
| information_schema |
| mydb |
| mysql |
| nit |
| performance_schema |
| sys |
+-----+
9 rows in set (0.00 sec)

mysql> use employee;
Database changed
mysql> use nit;
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A

```

```

Database changed
mysql> show tables;
+-----+
| Tables_in_nit |
+-----+
| student       |
+-----+
1 row in set (0.00 sec)

mysql> use employee;
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A

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

mysql> create table salary as
-> select ID,salary
-> from customers;
Query OK, 7 rows affected (0.03 sec)
Records: 7 Duplicates: 0 Warnings: 0

mysql> select ID,salary from customers;
+-----+
| ID | salary |
+-----+
| 1  | 2000  |
| 2  | 1500  |
| 3  | 2000  |
| 4  | 6500  |
| 5  | 8500  |
| 6  | 4500  |
| 7  | 10000 |
+-----+
7 rows in set (0.00 sec)

mysql> create tables customers(
-> id int not null,
-> name varchar(30) not null,
-> age int not null,
-> address char(30),
-> salary decimal(18,2),
-> Primary Key(id)
-> );
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 'tables customers(
id int not null,
name varchar(30) not null,
age int not null' at line 1
mysql> create table customers( id int not null, name varchar(30) not null, age
int not null, address char(30), salary decimal(18,2), Primary Key(id) );
ERROR 1050 (42S01): Table 'customers' already exists
mysql> drop table customers;
Query OK, 0 rows affected (0.03 sec)

mysql> desc customers;
ERROR 1146 (42S02): Table 'employee.customers' doesn't exist
mysql> INSERT INTO CUSTOMERS (ID,NAME,AGE,ADDRESS,SALARY)
-> VALUES (1, 'Ramesh', 32, 'Ahmedabad', 2000.00 );
ERROR 1146 (42S02): Table 'employee.customers' doesn't exist
mysql> show tables;
+-----+
| Tables_in_employee |
+-----+
| salary              |
+-----+
1 row in set (0.02 sec)

mysql> > create table customers( id int not null, name varchar(30) not null, age
-> int not null, address char(30), salary decimal(18,2), Primary Key(id) );
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 '> create table customers( id int not null, name
varchar(30) not null, age
int ' at line 1
mysql> create table customers (
-> ID int NOT NULL,
-> NAME varchar(20) NOT NULL,
-> AGE int NOT NULL,
-> ADDRESS char(20),
-> salary decimal(18,2));
Query OK, 0 rows affected (0.04 sec)

mysql> > create table customers( id int not null, name varchar(30) not null, age
-> );
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 '> create table customers( id int not null, name
varchar(30) not null, age' at line 1
mysql> INSERT INTO CUSTOMERS (ID,NAME,AGE,ADDRESS,SALARY)
-> VALUES (1, 'Ramesh', 32, 'Ahmedabad', 2000.00 );
Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO CUSTOMERS (ID,NAME,AGE,ADDRESS,SALARY)
-> VALUES (2, 'Khilan', 25, 'Delhi', 1500.00 );
Query OK, 1 row affected (0.00 sec)

mysql> insert into customers (ID,NAME,AGE,ADDRESS,SALARY)
-> VALUES(3,'kaushik',23,'kota',2000.00);
Query OK, 1 row affected (0.00 sec)

mysql> INSERT INTO CUSTOMERS (ID,NAME,AGE,ADDRESS,SALARY)
-> VALUES (4, 'Chaitali', 25, 'Mumbai', 6500.00 );
Query OK, 1 row affected (0.00 sec)

mysql> INSERT INTO CUSTOMERS (ID,NAME,AGE,ADDRESS,SALARY)
-> VALUES (5, 'Hardik', 27, 'Bhopal', 8500.00 );
Query OK, 1 row affected (0.00 sec)

mysql> INSERT INTO CUSTOMERS (ID,NAME,AGE,ADDRESS,SALARY)
-> VALUES (6, 'Komal', 22, 'MP', 4500.00 );
Query OK, 1 row affected (0.00 sec)

mysql> INSERT INTO CUSTOMERS
-> VALUES (7, 'Muffy', 24, 'Indore', 10000.00 );
Query OK, 1 row affected (0.00 sec)

mysql> select * from customers;
+-----+
| ID | NAME | AGE | ADDRESS | salary |
+-----+
| 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 |
+-----+
7 rows in set (0.00 sec)

mysql> select id,name,salary from customers;
+-----+
| id | name | salary |
+-----+
| 1  | Ramesh | 2000.00 |
| 2  | Khilan | 1500.00 |
| 3  | kaushik | 2000.00 |
| 4  | Chaitali | 6500.00 |
| 5  | Hardik | 8500.00 |
| 6  | Komal | 4500.00 |
| 7  | Muffy | 10000.00 |
+-----+
7 rows in set (0.01 sec)

mysql> select * from customers;

```

ID	NAME	AGE	ADDRESS	salary
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

7 rows in set (0.00 sec)

```
mysql> select id,name,age from customers where salary > 5000;
```

id	name	age
4	Chaitali	25
5	Hardik	27
7	Muffy	24

3 rows in set (0.00 sec)

```
mysql> select id,name,age from customers where salary > 2000;
```

id	name	age
4	Chaitali	25
5	Hardik	27
6	Komal	22
7	Muffy	24

4 rows in set (0.00 sec)

```
mysql> select id,name,salary from customers where name = 'Hardik';
```

id	name	salary
5	Hardik	8500.00

1 row in set (0.00 sec)

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

ID	NAME	AGE	ADDRESS	salary
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

7 rows in set (0.01 sec)

```
mysql> select ID,Name, Salary from customers where salary > 2000 and age>25;
```

ID	Name	Salary
5	Hardik	8500.00

1 row in set (0.00 sec)

```
mysql> select ID,Name, Salary from customers where salary > 2000 and age < 25;
```

ID	Name	Salary
6	Komal	4500.00
7	Muffy	10000.00

2 rows in set (0.00 sec)

```
mysql> select ID,Name, Salary from customers where salary > 2000 OR age < 25;
```

ID	Name	Salary
3	kaushik	2000.00
4	Chaitali	6500.00
5	Hardik	8500.00
6	Komal	4500.00
7	Muffy	10000.00

5 rows in set (0.00 sec)

```
mysql> update customers set address = 'pune' where ID = 6;
```

Query OK, 1 row affected (0.02 sec)

Rows matched: 1 Changed: 1 Warnings: 0

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

ID	NAME	AGE	ADDRESS	salary
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	pune	4500.00
7	Muffy	24	Indore	10000.00

7 rows in set (0.00 sec)

```
mysql> delete from customers where id = 6;
```

Query OK, 1 row affected (0.02 sec)

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

ID	NAME	AGE	ADDRESS	salary
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
7	Muffy	24	Indore	10000.00

6 rows in set (0.00 sec)

```
mysql>
```