```
Enter password: ********
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 19
Server version: 8.0.44 MySQL Community Server - GPL

Copyright (c) 2000, 2025, Oracle and/or its affiliates.

Oracle is a registered trademark of Oracle Corporation and/or its
affiliates. Other names may be trademarks of their respective
owners.

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

mysql> show databases;
+--------------------+
| Database           |
+--------------------+
| information_schema |
| mysql              |
| nit                |
| performance_schema |
| practice_db        |
| sys                |
+--------------------+
6 rows in set (0.00 sec)

mysql> create database nit;
ERROR 1007 (HY000): Can't create database 'nit'; database exists
mysql> show databases;
+--------------------+
| Database           |
+--------------------+
| information_schema |
| mysql              |
| nit                |
| performance_schema |
| practice_db        |
| sys                |
+--------------------+
6 rows in set (0.00 sec)

mysql> use nit;
Database changed
mysql> create table student(
    -> name varchar(30),
    -> id int not null primary key,
    -> address varchar(50),
    -> marks int);
Query OK, 0 rows affected (0.03 sec)
```

```
mysql> desc student;
+---------+-------------+------+-----+---------+-------+
| Field   | Type        | Null | Key | Default | Extra |
+---------+-------------+------+-----+---------+-------+
| name    | varchar(30) | YES  |     | NULL    |       |
| id      | int         | NO   | PRI | NULL    |       |
| address | varchar(50) | YES  |     | NULL    |       |
| marks   | int         | YES  |     | NULL    |       |
+---------+-------------+------+-----+---------+-------+
4 rows in set (0.00 sec)

mysql> show tables;
+----------------+
| Tables_in_nit  |
+----------------+
| authors        |
| student        |
+----------------+
2 rows in set (0.01 sec)

mysql> insert into student(marks,id,name,address)values(78,26,'arun','odisha'),
    -> (79,27,'subal','delhi'),(80,28,'piku','panjab'),(81,29,'lilu','mumbai');
Query OK, 4 rows affected (0.02 sec)
Records: 4  Duplicates: 0  Warnings: 0

mysql> select * from student;
+-------+----+---------+-------+
| name  | id | address | marks |
+-------+----+---------+-------+
| arun  | 26 | odisha  |    78 |
| subal | 27 | delhi   |    79 |
| piku  | 28 | panjab  |    80 |
| lilu  | 29 | mumbai  |    81 |
+-------+----+---------+-------+
4 rows in set (0.00 sec)

mysql> select name from student;
+-------+
| name  |
+-------+
| arun  |
| subal |
| piku  |
| lilu  |
+-------+
4 rows in set (0.00 sec)

mysql> select name,id from student;
+-------+----+
| name  | id |
```

```
+-------+----+
| arun  | 26 |
| subal | 27 |
| piku  | 28 |
| lilu  | 29 |
+-------+----+
4 rows in set (0.00 sec)

mysql> select * from student where id =26;
+------+----+---------+-------+
| name | id | address | marks |
+------+----+---------+-------+
| arun | 26 | odisha  |    78 |
+------+----+---------+-------+
1 row in set (0.00 sec)

mysql> select * from student;
+-------+----+---------+-------+
| name  | id | address | marks |
+-------+----+---------+-------+
| arun  | 26 | odisha  |    78 |
| subal | 27 | delhi   |    79 |
| piku  | 28 | panjab  |    80 |
| lilu  | 29 | mumbai  |    81 |
+-------+----+---------+-------+
4 rows in set (0.00 sec)

mysql> insert into student values('raja',30,'hyd',56);
Query OK, 1 row affected (0.01 sec)

mysql> desc student;
+---------+-------------+------+-----+---------+-------+
| Field   | Type        | Null | Key | Default | Extra |
+---------+-------------+------+-----+---------+-------+
| name    | varchar(30) | YES  |     | NULL    |       |
| id      | int         | NO   | PRI | NULL    |       |
| address | varchar(50) | YES  |     | NULL    |       |
| marks   | int         | YES  |     | NULL    |       |
+---------+-------------+------+-----+---------+-------+
4 rows in set (0.00 sec)

mysql> insert into student values('rama',26,'viz',50);
ERROR 1062 (23000): Duplicate entry '26' for key 'student.PRIMARY'
mysql> update student set address='kolkata'where id =28;
Query OK, 1 row affected (0.08 sec)
Rows matched: 1  Changed: 1  Warnings: 0

mysql> select * from student;
+-------+----+---------+-------+
| name  | id | address | marks |
```

```
+-------+----+---------+-------+
| arun  | 26 | odisha  |    78 |
| subal | 27 | delhi   |    79 |
| piku  | 28 | kolkata |    80 |
| lilu  | 29 | mumbai  |    81 |
| raja  | 30 | hyd     |    56 |
+-------+----+---------+-------+
5 rows in set (0.00 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 (0.00 sec)

mysql> select 10/5;
+--------+
| 10/5   |
+--------+
| 2.0000 |
+--------+
1 row in set (0.00 sec)

mysql> select 10//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 '/5' at
line 1
mysql> Enter password: ********
    -> Welcome to the MySQL monitor.  Commands end with ; or \g.
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 'Enter
password: ********
Welcome to the MySQL monitor.  Commands end with' at line 1
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 'or' at
line 1
    -> Your MySQL connection id is 19
    -> Server version: 8.0.44 MySQL Community Server - GPL
    ->
    -> Copyright (c) 2000, 2025, Oracle and/or its affiliates.
```

```
    ->
    -> Oracle is a registered trademark of Oracle Corporation and/or its
    -> affiliates. Other names may be trademarks of their respective
    -> owners.
    ->
    -> Type 'help;' or '\h' for help. Type '\c' to clear the current input
statement.
    ->
    -> mysql> show databases;
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 '.
Your MySQL connection id is 19
Server version: 8.0.44 MySQL Community Server -' at line 1
mysql> +--------------------+
    -> | Database           |
    -> +--------------------+
    -> | information_schema |
    -> | mysql              |
    -> | nit                |
    -> | performance_schema |
    -> | practice_db        |
    -> | sys                |
    -> +--------------------+
    -> 6 rows in set (0.00 sec)
    ->
    -> mysql> create database nit;
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
'+--------------------+
| Database           |
+--------------------+
| informati' at line 1
mysql> ERROR 1007 (HY000): Can't create database 'nit'; database exists
    '> mysql> show databases;
    '> +--------------------+
    '> | Database           |
    '> +--------------------+
    '> | information_schema |
    '> | mysql              |
    '> | nit                |
    '> | performance_schema |
    '> | practice_db        |
    '> | sys                |
    '> +--------------------+
    '> 6 rows in set (0.00 sec)
    '>
    '> mysql> use nit;
    '> Database changed
    '> mysql> create table student(
    '>     -> name varchar(30),
```

```
'>      -> id int not null primary key,
'>      -> address varchar(50),
'>      -> marks int);
'> Query OK, 0 rows affected (0.03 sec)
'>
'> mysql> desc student;
'> +---------+-------------+------+-----+---------+-------+
'> | Field   | Type        | Null | Key | Default | Extra |
'> +---------+-------------+------+-----+---------+-------+
'> | name    | varchar(30) | YES  |     | NULL    |       |
'> | id      | int         | NO   | PRI | NULL    |       |
'> | address | varchar(50) | YES  |     | NULL    |       |
'> | marks   | int         | YES  |     | NULL    |       |
'> +---------+-------------+------+-----+---------+-------+
'> 4 rows in set (0.00 sec)
'>
'> mysql> show tables;
'> +---------------+
'> | Tables_in_nit |
'> +---------------+
'> | authors       |
'> | student       |
'> +---------------+
'> 2 rows in set (0.01 sec)
'>
'> mysql> insert into
student(marks,id,name,address)values(78,26,'arun','odisha'),
'>      ->
(79,27,'subal','delhi'),(80,28,'piku','panjab'),(81,29,'lilu','mumbai');
'> Query OK, 4 rows affected (0.02 sec)
'> Records: 4  Duplicates: 0  Warnings: 0
'>
'> mysql> select * from student;
'> +-------+----+---------+-------+
'> | name  | id | address | marks |
'> +-------+----+---------+-------+
'> | arun  | 26 | odisha  |    78 |
'> | subal | 27 | delhi   |    79 |
'> | piku  | 28 | panjab  |    80 |
'> | lilu  | 29 | mumbai  |    81 |
'> +-------+----+---------+-------+
'> 4 rows in set (0.00 sec)
'>
'> mysql> select name from student;
'> +-------+
'> | name  |
'> +-------+
'> | arun  |
'> | subal |
'> | piku  |
```

```
'> | lilu  |
'> +-------+
'> 4 rows in set (0.00 sec)
'>
'> mysql> select name,id from student;
'> +-------+----+
'> | name  | id |
'> +-------+----+
'> | arun  | 26 |
'> | subal | 27 |
'> | piku  | 28 |
'> | lilu  | 29 |
'> +-------+----+
'> 4 rows in set (0.00 sec)
'>
'> mysql> select * from student where id =26;
'> +------+----+---------+-------+
'> | name | id | address | marks |
'> +------+----+---------+-------+
'> | arun | 26 | odisha  |    78 |
'> +------+----+---------+-------+
'> 1 row in set (0.00 sec)
'>
'> mysql> select * from student;
'> +-------+----+---------+-------+
'> | name  | id | address | marks |
'> +-------+----+---------+-------+
'> | arun  | 26 | odisha  |    78 |
'> | subal | 27 | delhi   |    79 |
'> | piku  | 28 | panjab  |    80 |
'> | lilu  | 29 | mumbai  |    81 |
'> +-------+----+---------+-------+
'> 4 rows in set (0.00 sec)
'>
'> mysql> insert into student values('raja',30,'hyd',56);
'> Query OK, 1 row affected (0.01 sec)
'>
'> mysql> desc student;
'> +---------+-------------+------+-----+---------+-------+
'> | Field   | Type        | Null | Key | Default | Extra |
'> +---------+-------------+------+-----+---------+-------+
'> | name    | varchar(30) | YES  |     | NULL    |       |
'> | id      | int         | NO   | PRI | NULL    |       |
'> | address | varchar(50) | YES  |     | NULL    |       |
'> | marks   | int         | YES  |     | NULL    |       |
'> +---------+-------------+------+-----+---------+-------+
'> 4 rows in set (0.00 sec)
'>
'> mysql> insert into student values('rama',26,'viz',50);
'> ERROR 1062 (23000): Duplicate entry '26' for key 'student.PRIMARY'
```

```
'> mysql> update student set address='kolkata'where id =28;
'> Query OK, 1 row affected (0.08 sec)
'> Rows matched: 1  Changed: 1  Warnings: 0
'>
'> mysql> select * from student;
'> +-------+----+---------+-------+
'> | name  | id | address | marks |
'> +-------+----+---------+-------+
'> | arun  | 26 | odisha  |    78 |
'> | subal | 27 | delhi   |    79 |
'> | piku  | 28 | kolkata |    80 |
'> | lilu  | 29 | mumbai  |    81 |
'> | raja  | 30 | hyd     |    56 |
'> +-------+----+---------+-------+
'> 5 rows in set (0.00 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 (0.00 sec)
'>
'> mysql> select 10/5;
'> +--------+
'> | 10/5   |
'> +--------+
'> | 2.0000 |
'> +--------+
'> 1 row in set (0.00 sec)
```