

Enter password: *****

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

Your MySQL connection id is 11

Server version: 8.0.30 MySQL Community Server - GPL

Copyright (c) 2000, 2022, 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> create database college;
```

Query OK, 1 row affected (1.49 sec)

```
mysql> use college;
```

Database changed

```
mysql> create table instructor(ID int,name varchar(20),dept_name varchar(30));
```

Query OK, 0 rows affected (1.10 sec)

```
mysql> insert into instructor
```

```
-> values(101,'Sahil','Computer');
```

Query OK, 1 row affected (0.47 sec)

```
mysql> insert into instructor
```

```
-> values(102,'Parth','ENTC');
```

Query OK, 1 row affected (0.11 sec)

```
mysql> insert into instructor
```

```
-> values(103,'Shyam','Mechanical');
```

Query OK, 1 row affected (0.71 sec)

```
mysql> select * from instructor;
```

```
+-----+-----+-----+
| ID | name | dept_name |
+-----+-----+-----+
| 101 | Sahil | Computer |
| 102 | Parth | ENTC |
| 103 | Shyam | Mechanical |
+-----+-----+-----+
```

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

```
mysql> create table student(ID int,crs_id int,dept_name varchar(30),tot_crd int);
```

```
Query OK, 0 rows affected (1.64 sec)
```

```
mysql> insert into student
```

```
-> values(101,210245,'Computer',5);
```

```
Query OK, 1 row affected (0.04 sec)
```

```
mysql> insert into student
```

```
-> values(102,210285,'ENTC',5);
```

```
Query OK, 1 row affected (1.09 sec)
```

```
mysql> insert into student
```

```
-> values(103,210275,'Mechanical',5);
```

```
Query OK, 1 row affected (0.72 sec)
```

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

```
+-----+-----+-----+-----+
| ID | crs_id | dept_name | tot_crd |
+-----+-----+-----+-----+
| 101 | 210245 | Computer | 5 |
```

102	210285	ENTC	5
103	210275	Mechanical	5

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

3 rows in set (0.00 sec)

```
mysql> create table student(ID int,crs_id int,sec_id int,sem int,year int);
```

ERROR 1050 (42S01): Table 'student' already exists

```
mysql> create table test(ID int,crs_id int,sec_id int,sem int,year int);
```

Query OK, 0 rows affected (1.83 sec)

```
mysql> insert into test
```

```
-> values(101,210245,85,5,2022);
```

Query OK, 1 row affected (0.13 sec)

```
mysql> insert into test
```

```
-> values(102,210285,74,5,2022);
```

Query OK, 1 row affected (0.85 sec)

```
mysql> insert into test
```

```
-> values(103,210275,96,5,2022);
```

Query OK, 1 row affected (0.13 sec)

```
mysql> select * from test;
```

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

ID	crs_id	sec_id	sem	year
----	--------	--------	-----	------

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

101	210245	85	5	2022
-----	--------	----	---	------

102	210285	74	5	2022
-----	--------	----	---	------

103	210275	96	5	2022
-----	--------	----	---	------

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

3 rows in set (0.00 sec)

```
mysql> create table course(crs_id int,title varchar(30),dept_name varchar(20));
```

Query OK, 0 rows affected (0.26 sec)

```
mysql> insert into course
```

```
-> values(210245,'ABC','Computer');
```

Query OK, 1 row affected (1.36 sec)

```
mysql> insert into course
```

```
-> values(210285,'PQR','ENTC');
```

Query OK, 1 row affected (0.15 sec)

```
mysql> insert into course
```

```
-> values(210275,'XYZ','Mechanical');
```

Query OK, 1 row affected (0.12 sec)

```
mysql> select*from course;
```

```
+-----+-----+-----+
| crs_id | title | dept_name |
+-----+-----+-----+
| 210245 | ABC   | Computer  |
| 210285 | PQR   | ENTC      |
| 210275 | XYZ   | Mechanical |
+-----+-----+-----+
```

3 rows in set (0.00 sec)

```
mysql> create table dept(dept_id int,dept_name varchar(30));
```

Query OK, 0 rows affected (1.39 sec)

```
mysql> insert into dept
```

```
-> values(911,'Computer');
```

Query OK, 1 row affected (1.89 sec)

```
mysql> insert into dept
```

```
-> values(920,'ENTC');
```

Query OK, 1 row affected (0.74 sec)

```
mysql> insert into dept
```

```
-> values(915,'Mechanical');
```

Query OK, 1 row affected (0.87 sec)

```
mysql> select*from dept;
```

```
+-----+-----+
| dept_id | dept_name |
+-----+-----+
| 911 | Computer |
| 920 | ENTC     |
| 915 | Mechanical |
+-----+-----+
```

3 rows in set (0.00 sec)

```
mysql> select title
```

```
-> from course
```

```
-> inner join dept
```

```
-> on course.title=dept.dept_name;
```

Empty set (0.10 sec)

```
mysql>
```

Enter password: *****

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

Your MySQL connection id is 13

Server version: 8.0.30 MySQL Community Server - GPL

Copyright (c) 2000, 2022, 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> create database machine;
```

Query OK, 1 row affected (0.15 sec)

```
mysql> use machine;
```

Database changed

```
mysql> create table supply(supp_id int, supp_name varchar(50),address varchar(200));
```

Query OK, 0 rows affected (0.23 sec)

```
mysql> insert into supply
```

```
-> values(101,'Rajendra','Samangaon');
```

Query OK, 1 row affected (0.18 sec)

```
mysql> insert into supply
```

```
-> values(102,'Rohit','Nashik');
```

Query OK, 1 row affected (0.15 sec)

```
mysql> insert into supply
```

```
-> values(103,'Kunal','Pune');
```

Query OK, 1 row affected (0.07 sec)

```
mysql> select*from supply;
```

```
+-----+-----+-----+
| supp_id | supp_name | address |
+-----+-----+-----+
| 101 | Rajendra | Samangaon |
| 102 | Rohit | Nashik |
| 103 | Kunal | Pune |
+-----+-----+-----+
```

3 rows in set (0.00 sec)

```
mysql> create table parts(part_id int, part_name varchar(50),color varchar(200));
```

Query OK, 0 rows affected (0.14 sec)

```
mysql> insert into parts
```

```
-> values(258741,'Screw','Silver');
```

Query OK, 1 row affected (0.15 sec)

```
mysql> insert into parts
```

```
-> values(258963,'Nut & Bolt','Silver');
```

Query OK, 1 row affected (0.03 sec)

```
mysql> insert into parts
```

```
-> values(258123,'Metal Sheet','Gray');
```

Query OK, 1 row affected (0.05 sec)

```
mysql> select*from parts;
```

```
+-----+-----+-----+
| part_id | part_name | color |
+-----+-----+-----+
| 258741 | Screw | Silver |
| 258963 | Nut & Bolt | Silver |
```

```
| 258123 | Metal Sheet | Gray |
```

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

3 rows in set (0.00 sec)

```
mysql> create table catalog(supp_id int, part_id int, cost int);
```

Query OK, 0 rows affected (0.60 sec)

```
mysql> insert into catalog
```

```
-> values(101,258741,980);
```

Query OK, 1 row affected (0.14 sec)

```
mysql> insert into catalog
```

```
-> values(102,258963,1500);
```

Query OK, 1 row affected (0.09 sec)

```
mysql> insert into catalog
```

```
-> values(103,258123,90000);
```

Query OK, 1 row affected (0.16 sec)

```
mysql> select*from catalog;
```

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

```
| supp_id | part_id | cost |
```

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

```
| 101 | 258741 | 980 |
```

```
| 102 | 258963 | 1500 |
```

```
| 103 | 258123 | 90000 |
```

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

3 rows in set (0.00 sec)

```
mysql> select color from parts where color='Silver';
```

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



```
| color |
```

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

```
| Silver |
```

```
| Silver |
```

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

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

```
mysql> select color from parts where color='Red';
```

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

```
mysql> select cost from catalog where cost>=2000;
```

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

```
| cost |
```

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

```
| 90000 |
```

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

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

```
mysql>
```

```
Enter password: *****
```

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

```
Your MySQL connection id is 13
```

```
Server version: 8.0.30 MySQL Community Server - GPL
```

```
Copyright (c) 2000, 2022, 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      |
+-----+
| college       |
| dbms          |
| information_schema |
| machine       |
| mysql         |
| performance_schema |
| person1       |
| prac2         |
| sys          |
+-----+
```

9 rows in set (0.00 sec)

```
mysql> create database unit;
```

Query OK, 1 row affected (0.14 sec)

```
mysql> use unit;
```

Database changed

```
mysql> create table person(person_name varchar(20),street varchar(20),city varchar(20));
```

Query OK, 0 rows affected (0.25 sec)

```
mysql> insert into person
```

```
    -> values('Kunal','Sai Road','Nashik');
```

Query OK, 1 row affected (0.14 sec)

```
mysql> insert into person
```

```
-> values('Sandip','Nashik Road','Nashik');
```

```
Query OK, 1 row affected (0.13 sec)
```

```
mysql> insert into person
```

```
-> values('Hardik','MT Road','Pune');
```

```
Query OK, 1 row affected (0.15 sec)
```

```
mysql> select*from person;
```

```
+-----+-----+-----+
| persone_name | street   | city |
+-----+-----+-----+
| Kunal       | Sai Road | Nashik |
| Sandip      | Nashik Road | Nashik |
| Hardik      | MT Road  | Pune   |
+-----+-----+-----+
```

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

```
mysql> create table WorksFor(persone_name varchar(20),emp_name varchar(200),salary int);
```

```
Query OK, 0 rows affected (0.61 sec)
```

```
mysql> insert into WorksFor
```

```
-> values('Kunal','Ram',40000);
```

```
Query OK, 1 row affected (0.08 sec)
```

```
mysql> insert into WorksFor
```

```
-> values('Sandip','Radhe',45000);
```

```
Query OK, 1 row affected (0.15 sec)
```

```
mysql> insert into WorksFor
```

```
-> values('Hardik','Amol',56000);
```

Query OK, 1 row affected (0.12 sec)

```
mysql> select*from WorksFor;
```

```
+-----+-----+-----+
| persone_name | emp_name | salary |
+-----+-----+-----+
| Kunal      | Ram     | 40000  |
| Sandip     | Radhe   | 45000  |
| Hardik     | Amol    | 56000  |
+-----+-----+-----+
```

3 rows in set (0.00 sec)

```
mysql> create table company(company_name varchar(20),city varchar(200));
```

Query OK, 0 rows affected (0.12 sec)

```
mysql> insert into company
```

```
-> values('Vodafone','Nashik');
```

Query OK, 1 row affected (0.07 sec)

```
mysql> insert into company
```

```
-> values('Vodafone','Pune');
```

Query OK, 1 row affected (0.13 sec)

```
mysql> insert into company
```

```
-> values('Idea','Pune');
```

Query OK, 1 row affected (0.13 sec)

```
mysql> select*from company;
```

```
+-----+-----+
| company_name | city  |
+-----+-----+
```

```

+-----+-----+
| Vodafone | Nashik |
| Vodafone | Pune   |
| Idea     | Pune   |
+-----+-----+

```

3 rows in set (0.00 sec)

```

mysql> select salary
      -> from WorksFor
      -> where salary>=50000;

```

```

+-----+
| salary |
+-----+
| 56000 |
+-----+

```

1 row in set (0.00 sec)

```

mysql> select company_name from company where company_name='Idea';

```

```

+-----+
| company_name |
+-----+
| Idea         |
+-----+

```

1 row in set (0.00 sec)