mmcoe@mmcoe-System-Product-Name:~$ mysql -u root -p

Enter password:

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

Your MySQL connection id is 9

Server version: 5.7.33-0ubuntu0.16.04.1 (Ubuntu)

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owners.

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

mysql> show databases;

+--------------------+

| Database       |

+--------------------+

| information\_schema |

| Bookshop       |

| Student\_info   |

| TC218          |

| TC220          |

| alok           |

| atharva        |

| company        |

| ebookdb        |

| login          |

| mysql          |

| performance\_schema |

| sc2            |

| sc206          |

| shantanudb     |

| student        |

| student\_db     |

| sys            |

| tc250          |

+--------------------+

19 rows in set (0.00 sec)

mysql> use Student\_info

Database changed

**mysql> create table Student(roll\_no int(10) primary key, name varchar(20), division varchar(10), branch varchar(20), city varchar(20), marks int(10));**

Query OK, 0 rows affected (0.01 sec)

**mysql> desc Student;**

+----------+-------------+------+-----+---------+-------+

| Field | Type    | Null | Key | Default | Extra |

+----------+-------------+------+-----+---------+-------+

| roll\_no  | int(10) | NO   | PRI | NULL |   |

| name | varchar(20) | YES  | | NULL |   |

| division | varchar(10) | YES  | | NULL |   |

| branch   | varchar(20) | YES  | | NULL |   |

| city | varchar(20) | YES  | | NULL |   |

| marks | int(10) | YES  | | NULL |   |

+----------+-------------+------+-----+---------+-------+

6 rows in set (0.00 sec)

**mysql> insert into Student(roll\_no,name,division,branch,city,marks) values (1,"Shreeya","A","Comp","Pune",90),(2,"Rajasi","B","Comp","Pune",89),(3,"Advait","C","IT","Mumbai",88);**

Query OK, 3 rows affected (0.00 sec)

Records: 3  Duplicates: 0  Warnings: 0

**mysql> select \* from Student;**

+---------+---------+----------+--------+--------+-------+

| roll\_no | name | division | branch | city   | marks |

+---------+---------+----------+--------+--------+-------+

|   1 | Shreeya | A    | Comp   | Pune   | 90 |

|   2 | Rajasi  | B    | Comp   | Pune   | 89 |

|   3 | Advait  | C    | IT | Mumbai | 88 |

+---------+---------+----------+--------+--------+-------+

3 rows in set (0.00 sec)

**mysql> insert into Student(roll\_no,name,division,branch,city,marks) values (4,"Aditya","D","IT","Bangalore",94),(5,"Ishan","E","ENTC","Mumbai",86),(6,"Nishita","F","IT","Delhi",83);**

Query OK, 3 rows affected (0.00 sec)

Records: 3  Duplicates: 0  Warnings: 0

**mysql> select \* from Student;**

+---------+---------+----------+--------+-----------+-------+

| roll\_no | name | division | branch | city  | marks |

+---------+---------+----------+--------+-----------+-------+

|   1 | Shreeya | A    | Comp   | Pune  | 90 |

|   2 | Rajasi  | B    | Comp   | Pune  | 89 |

|   3 | Advait  | C    | IT | Mumbai | 88 |

|   4 | Aditya  | D    | IT | Bangalore | 94 |

|   5 | Ishan   | E    | ENTC   | Mumbai | 86 |

|   6 | Nishita | F    | IT | Delhi | 83 |

+---------+---------+----------+--------+-----------+-------+

6 rows in set (0.00 sec)

**mysql> insert into Student(roll\_no,name,division,branch,city,marks) values (7,"Pranav","G","ENTC","Bangalore",58),(8,"Anish","H","Mechanical","Kolkata",85),(9,"Mahi","I","Mechanical","Chennai",43),(10,"Atharva","J","IT","Jaipur",68);**

Query OK, 4 rows affected (0.00 sec)

Records: 4  Duplicates: 0  Warnings: 0

**mysql> select \* from Student;**

+---------+---------+----------+------------+-----------+-------+

| roll\_no | name | division | branch | city  | marks |

+---------+---------+----------+------------+-----------+-------+

|   1 | Shreeya | A    | Comp   | Pune  | 90 |

|   2 | Rajasi  | B    | Comp   | Pune  | 89 |

|   3 | Advait  | C    | IT     | Mumbai | 88 |

|   4 | Aditya  | D    | IT     | Bangalore | 94 |

|   5 | Ishan   | E    | ENTC   | Mumbai | 86 |

|   6 | Nishita | F    | IT     | Delhi | 83 |

|   7 | Pranav  | G    | ENTC   | Bangalore | 58 |

|   8 | Anish   | H    | Mechanical | Kolkata   | 85 |

|   9 | Mahi | I    | Mechanical | Chennai   | 43 |

|  10 | Atharva | J    | IT     | Jaipur | 68 |

+---------+---------+----------+------------+-----------+-------+

10 rows in set (0.00 sec)

**mysql> select name,city from Student;**

+---------+-----------+

| name | city  |

+---------+-----------+

| Shreeya | Pune  |

| Rajasi  | Pune  |

| Advait  | Mumbai |

| Aditya  | Bangalore |

| Ishan   | Mumbai |

| Nishita | Delhi |

| Pranav  | Bangalore |

| Anish   | Kolkata   |

| Mahi | Chennai   |

| Atharva | Jaipur |

+---------+-----------+

10 rows in set (0.00 sec)

**mysql> select distinct name from Student;**

+---------+

| name |

+---------+

| Shreeya |

| Rajasi  |

| Advait  |

| Aditya  |

| Ishan   |

| Nishita |

| Pranav  |

| Anish   |

| Mahi |

| Atharva |

+---------+

10 rows in set (0.00 sec)

**mysql> select roll\_no,name,marks from Student where marks > 75;**

+---------+---------+-------+

| roll\_no | name | marks |

+---------+---------+-------+

|   1 | Shreeya | 90 |

|   2 | Rajasi  | 89 |

|   3 | Advait  | 88 |

|   4 | Aditya  | 94 |

|   5 | Ishan   | 86 |

|   6 | Nishita | 83 |

|   8 | Anish   | 85 |

+---------+---------+-------+

7 rows in set (0.00 sec)

**mysql> select name from Student where name like 'S%';**

+---------+

| name |

+---------+

| Shreeya |

+---------+

1 row in set (0.00 sec)

**mysql> select \* from Student where marks between 50 and 60;**

+---------+--------+----------+--------+-----------+-------+

| roll\_no | name   | division | branch | city  | marks |

+---------+--------+----------+--------+-----------+-------+

|   7 | Pranav | G    | ENTC   | Bangalore | 58 |

+---------+--------+----------+--------+-----------+-------+

1 row in set (0.00 sec)

**mysql> select \* from Student where city="Pune" and branch="Comp";**

+---------+---------+----------+--------+------+-------+

| roll\_no | name | division | branch | city | marks |

+---------+---------+----------+--------+------+-------+

|   1 | Shreeya | A    | Comp   | Pune | 90 |

|   2 | Rajasi  | B    | Comp   | Pune | 89 |

+---------+---------+----------+--------+------+-------+

2 rows in set (0.00 sec)

**mysql> update Student set branch="IT" where roll\_no=9;**

Query OK, 1 row affected (0.00 sec)

Rows matched: 1  Changed: 1  Warnings: 0

**mysql> select \* from Student;**

+---------+---------+----------+------------+-----------+-------+

| roll\_no | name | division | branch | city  | marks |

+---------+---------+----------+------------+-----------+-------+

|   1 | Shreeya | A    | Comp   | Pune  | 90 |

|   2 | Rajasi  | B    | Comp   | Pune  | 89 |

|   3 | Advait  | C    | IT     | Mumbai | 88 |

|   4 | Aditya  | D    | IT     | Bangalore | 94 |

|   5 | Ishan   | E    | ENTC   | Mumbai | 86 |

|   6 | Nishita | F    | IT     | Delhi | 83 |

|   7 | Pranav  | G    | ENTC   | Bangalore | 58 |

|   8 | Anish   | H    | Mechanical | Kolkata   | 85 |

|   9 | Mahi | I    | IT     | Chennai   | 43 |

|  10 | Atharva | J    | IT     | Jaipur | 68 |

+---------+---------+----------+------------+-----------+-------+

10 rows in set (0.00 sec)

**mysql> delete from Student where branch="ENTC";**

Query OK, 2 rows affected (0.01 sec)

**mysql> select \* from Student;**

+---------+---------+----------+------------+-----------+-------+

| roll\_no | name | division | branch | city  | marks |

+---------+---------+----------+------------+-----------+-------+

|   1 | Shreeya | A    | Comp   | Pune  | 90 |

|   2 | Rajasi  | B    | Comp   | Pune  | 89 |

|   3 | Advait  | C    | IT     | Mumbai | 88 |

|   4 | Aditya  | D    | IT     | Bangalore | 94 |

|   6 | Nishita | F    | IT     | Delhi | 83 |

|   8 | Anish   | H    | Mechanical | Kolkata   | 85 |

|   9 | Mahi | I    | IT     | Chennai   | 43 |

|  10 | Atharva | J    | IT     | Jaipur | 68 |

+---------+---------+----------+------------+-----------+-------+

8 rows in set (0.00 sec)

**mysql> commit;**

Query OK, 0 rows affected (0.00 sec)

**mysql> exit;**

Bye