

Microsoft Windows [Version 10.0.22631.4169]
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```
C:\Users\mayur>mysql -u root -p
Enter password: *****
Welcome to the MySQL monitor. Commands end with ; or \g.
Your MySQL connection id is 14
Server version: 8.0.37 MySQL Community Server - GPL
```

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

```
mysql> use dbms
Database changed
mysql> show databases;
+-----+
| Database          |
+-----+
| dbms               |
| information_schema |
| mysql              |
| performance_schema |
| sakila             |
| sys                |
| world              |
+-----+
7 rows in set (0.00 sec)
```

```
mysql> create table studinfo(rollno int, name varchar(20), class
varchar(20)
, marks float);
Query OK, 0 rows affected (0.02 sec)
```

```
mysql> insert into studinfo values('1','Prince','TE','8.35');
Query OK, 1 row affected (0.01 sec)
```

```
mysql> insert into studinfo
values('2','Chanchal','TE','8.00');
Query OK, 1 row affected (0.01 sec)
```

```
mysql> insert into studinfo values('3','Diksha','TE','8.36');
Query OK, 1 row affected (0.01 sec)
```

```
mysql> insert into studinfo values('1','Patil','TE','8.05');
Query OK, 1 row affected (0.01 sec)
```

```
mysql> select * from studinfo;
+-----+-----+-----+-----+
| rollno | name      | class | marks |
+-----+-----+-----+-----+
```

1	Prince	TE	8.35
2	Chanchal	TE	8
3	Diksha	TE	8.36
1	Patil	TE	8.05

4 rows in set (0.00 sec)

```
mysql> select name,marks from studinfo;
```

name	marks
Prince	8.05
Chanchal	8
Diksha	8.36
Patil	8.05

4 rows in set (0.00 sec)

```
mysql> delete from studinfo where name='Prince';
Query OK, 2 rows affected (0.03 sec)
```

```
mysql> select * from studinfo;
```

rollno	name	class	marks
2	Chanchal	TE	8
3	Diksha	TE	8.36

2 rows in set (0.00 sec)

```
mysql> create database xyz;
Query OK, 1 row affected (0.03 sec)
```

```
mysql> show databases;
```

Database
dbms
information_schema
mysql
performance_schema
sakila
sys
world
xyz

8 rows in set (0.00 sec)

```
mysql> drop database xyz;
Query OK, 0 rows affected (0.01 sec)
```

```
mysql> show databases;
```

Database

```
| Database |
+-----+
| dbms |
| information_schema |
| mysql |
| performance_schema |
| sakila |
| sys |
| world |
+-----+
7 rows in set (0.00 sec)
```

```
mysql> insert into studinfo values('1','Patil','TE','7.55');
Query OK, 1 row affected (0.01 sec)
```

```
mysql> select * from studinfo;
+-----+-----+-----+-----+
| rollno | name      | class | marks |
+-----+-----+-----+-----+
|      2 | Chanchal | TE    | 8     |
|      3 | Diksha   | TE    | 8.36  |
|      1 | Patil    | TE    | 7.55  |
+-----+-----+-----+-----+
3 rows in set (0.00 sec)
```

```
mysql> update studinfo set class ='SE'
where name='Chanchal';
Query OK, 1 row affected (0.01 sec)
Rows matched: 1  Changed: 1  Warnings: 0
```

```
mysql> select * from studinfo;
+-----+-----+-----+-----+
| rollno | name      | class | marks |
+-----+-----+-----+-----+
|      2 | Chanchal | SE    | 8     |
|      3 | Diksha   | TE    | 8.36  |
|      1 | Patil    | TE    | 7.55  |
+-----+-----+-----+-----+
3 rows in set (0.00 sec)
```

```
mysql> alter table studinfo change name full_name varchar(30);
Query OK, 0 rows affected (0.01 sec)
Records: 0  Duplicates: 0  Warnings: 0
```

```
mysql> select * from studinfo;
+-----+-----+-----+-----+
| rollno | full_name | class | marks |
+-----+-----+-----+-----+
|      2 | Chanchal | SE    | 8     |
|      3 | Diksha   | TE    | 8.36  |
|      1 | Patil    | TE    | 7.55  |
+-----+-----+-----+-----+
3 rows in set (0.00 sec)
```

```
mysql> insert into studinfo values('4','Avi Bhosale','TE','8.70');
```

Query OK, 1 row affected (0.01 sec)

```
mysql> insert into studinfo values('5','Prasen','SE','8.51');
Query OK, 1 row affected (0.00 sec)
```

```
mysql> select * from studinfo;
```

rollno	full_name	class	marks
2	Chanchal	SE	8
3	Diksha	TE	8.36
1	Patil	TE	7.55
4	Avi Bhosale	TE	8.7
5	Prasen	SE	8.51

5 rows in set (0.00 sec)

```
mysql> create view score as select rollno, full_name, marks from
studinfo;
```

Query OK, 0 rows affected (0.04 sec)

```
mysql> select * from te;
```

ERROR 1146 (42S02): Table 'dbms.te' doesn't exist

```
mysql> select * from score;
```

rollno	full_name	marks
2	Chanchal	8
3	Diksha	8.36
1	Patil	7.55
4	Avi Bhosale	8.7
5	Prasen	8.51

5 rows in set (0.00 sec)

```
mysql> create unique index ind on studinfo(full_name);
```

Query OK, 0 rows affected (0.04 sec)

Records: 0 Duplicates: 0 Warnings: 0

```
mysql> show index from full_name;
```

ERROR 1146 (42S02): Table 'dbms.full_name' doesn't exist

```
mysql> show index from studinfo;
```

Table	Non_unique	Key_name	Seq_in_index	Column_name	Collation
studinfo	0	ind	1	full_name	A
	5	NULL	NULL	YES	BTREE
	YES	NULL			

```
+-----+-----+-----+-----+-----+
---+
1 row in set (0.01 sec)
```

```
mysql> select * from studinfo order by rollno;
```

```
+-----+-----+-----+-----+
| rollno | full_name      | class | marks |
+-----+-----+-----+-----+
|      1 | Patil          | TE    | 7.55  |
|      2 | Chanchal       | SE    | 8      |
|      3 | Diksha         | TE    | 8.36   |
|      4 | Avi Bhosale    | TE    | 8.7    |
|      5 | Prasen         | SE    | 8.51   |
+-----+-----+-----+-----+
5 rows in set (0.00 sec)
```