Practical no.07

```
//USE DATABASE
mysql> use info;
Database changed
//SHOW DATABASES
mysql> show databases;
+--------------------+
| Database
+--------------------+
| information_schema |
| host |
| info |
| mysql
| performance_schema |
| test|
+--------------------+
6 rows in set (0.00 sec)

//CREATE TABLE
mysql> create table info(roll_no int, name varchar(30), class varchar(20), marks float, dob date);
Query OK, 0 rows affected (0.20 sec)
//INSERT VALUES IN TABLE

mysql> insert into info values('1','harsha','be','98.0','1996-07-12');
Query OK, 1 row affected (0.05 sec)
mysql> insert into info values('2','tej','te','98.1','1997-07-12');
Query OK, 1 row affected (0.25 sec)
mysql> insert into info values('2','harsh','te','98.2','1998-05-11');
Query OK, 1 row affected (0.08 sec)
//DISPLAY TABLE
mysql> select *from info;
+---------+--------+-------+-------+------------+
| roll_no | name | class | marks | dob|
+---------+--------+-------+-------+------------+
|1 | harsha | be | 98 | 1996-07-12 |
| 2 | tej | te| 98.1 | 1997-07-12 |
| 2 | harsh | te | 98.2 | 1998-05-11 |
+---------+--------+-------+-------+------------+
3 rows in set (0.00 sec)
```

//DISPLAY PARTICULAR COLUMN

mysql> select roll_no,marks from info;

```
+---------+-------+
| roll_no | marks |
+---------+-------+
| 1 | 98 |
| 2 | 98.1 |
| 2 | 98.2 |
+---------+-------+
```

3 rows in set (0.00 sec)

//DELETE PARTICULAR ROW

mysql> delete from info where name='tej';

Query OK, 1 row affected (0.16 sec)

mysql> select *from info;

```
| roll_no |name | class | marks | dob|
+---------+--------+-------+-------+------------+
| 1 | harsha | be | 98 | 1996-07-12 |
| 2 | harsh | te | 98.2 | 1998-05-11 |
+---------+--------+-------+-------+------------+
```

2 rows in set (0.00 sec)

//CREATE NEW DATABASE

mysql> create database new1;

Query OK, 1 row affected (0.03 sec)

//SHOW DATABASES

mysql> show databases;

```
+--------------------+
| Database|
+--------------------+
| information_schema |
| host |
| info |
| mysql |
| new1 |
| performance_schema |
| test|
+--------------------+
```

7 rows in set (0.00 sec)

//DROP DATABASE

mysql> drop database new1;

Query OK, 0 rows affected (0.11 sec)

mysql> show databases;

```
+--------------------+
| Database|
+--------------------+
| information_schema |
| host |
| info |
| mysql
| performance_schema |
| test|
+--------------------+
6 rows in set (0.00 sec)
mysql> use info;
Database changedmysql> select*from info;
+---------+--------+-------+-------+------------+
| roll_no | name | class | marks | dob|
+---------+--------+-------+-------+------------+
| 1 | harsha | be | 98 | 1996-07-12 |
| 2 | harsh | te | 98.2 | 1998-05-11 |
+---------+--------+-------+-------+------------+
2 rows in set (0.00 sec)
//Update row of the table
mysql> update info set class='secomp' where roll_no='1';
Query OK, 1 row affected (0.17 sec)
Rows matched: 1 Changed: 1 Warnings: 0
//For Display the table
mysql> select*from info;
+---------+--------+--------+-------+------------+
| roll_no | name | class | marks | dob|
+---------+--------+--------+-------+------------+
| 1 | harsha | secomp | 98 | 1996-07-12 |
| 2 | harsh | te| 98.2 | 1998-05-11 |
+---------+--------+--------+-------+------------+
2 rows in set (0.00 sec)
//For Add column into the table
mysql> alter table info add sirname varchar(20);Query OK, 2
rows affected (0.55 sec)
Records: 2 Duplicates: 0 Warnings: 0
//DISPLAY TABLE
mysql> select*from info;
+---------+--------+--------+-------+------------+---------+
| roll_no | name | class | marks | dob| sirname |
+---------+--------+--------+-------+------------+---------+
| 1 | harsha | secomp | 98 | 1996-07-12 | NULL |
| 2 | harsh | te| 98.2 | 1998-05-11 | NULL |
```

```
+---------+--------+--------+-------+------------+---------+
```
2 rows in set (0.09 sec)
// Modify Datatype of particular column
mysql> alter table info modify roll_no float;
Query OK, 2 rows affected (0.48 sec)
Records: 2 Duplicates: 0 Warnings: 0
//DISPLAY TABLE
mysql> select*from info;
```
+---------+--------+--------+-------+------------+---------+
```
| roll_no | name | class | marks | dob| sirname |
```
+---------+--------+--------+-------+------------+---------+
```
|1 | harsha | secomp | 98 | 1996-07-12 | NULL |
|2 | harsh | te| 98.2 | 1998-05-11 | NULL |
```
+---------+--------+--------+-------+------------+---------+
```
2 rows in set (0.00 sec)

//For delete the particular column
mysql> alter table info drop sirname;
Query OK, 2 rows affected (0.36 sec)
Records: 2 Duplicates: 0 Warnings: 0
//For Display the tablemysql> select*from info;
```
+---------+--------+--------+-------+------------+
```
| roll_no | name | class | marks | dob|
```
+---------+--------+--------+-------+------------+
```
| 1 | harsha | secomp | 98 | 1996-07-12 |
| 2 | harsh | te| 98.2 | 1998-05-11 |
```
+---------+--------+--------+-------+------------+
```
2 rows in set (0.00 sec)
mysql> alter table info add sirname varchar(20);
Query OK, 2 rows affected (0.53 sec)
Records: 2 Duplicates: 0 Warnings: 0
//For Display the table
mysql> select*from info;
```
+---------+--------+--------+-------+------------+---------+
```
| roll_no | name | class | marks | dob| sirname |
```
+---------+--------+--------+-------+------------+---------+
```
| 1 | harsha | secomp | 98 | 1996-07-12 | NULL |
| 2 | harsh | te| 98.2 | 1998-05-11 | NULL |
```
+---------+--------+--------+-------+------------+---------+
```
2 rows in set (0.00 sec)//Renaming the column
mysql> alter table info change name fullname varchar(20);
Query OK, 2 rows affected (0.61 sec)
Records: 2 Duplicates: 0 Warnings: 0
//Display table

```
mysql> select*from info;
+---------+----------+--------+-------+------------+---------+
| roll_no | fullname | class | marks | dob| sirname |
+---------+----------+--------+-------+------------+---------+
| 1 | harsha | secomp | 98 | 1996-07-12 | NULL |
| 2 | harsh | te| 98.2 | 1998-05-11 | NULL |
+---------+----------+--------+-------+------------+---------+
```
//Insert values in table
```
mysql> insert into info values('101', 'sai', 'se','80','2017-1-12','xyz');
Query OK, 1 row affected (0.08 sec)
mysql> insert into info values('102', 'ram','se','90','2018-1-12','uvw');
Query OK, 1 row affected (0.22 sec)
```
//Display table
```
mysql> select*from info;
+---------+----------+--------+-------+------------+---------+
| roll_no | fullname | class | marks | dob| sirname |
+---------+----------+--------+-------+------------+---------+
| 1 | harsha | secomp | 98 | 1996-07-12 | NULL |
| 2 | harsh | te| 80 | 2017-01-12 | xyz|
| 101 | sai| se| 90 | 2018-01-12 | uvw
| 102 | ram| se| 98.2 | 1998-05-11 | NULL |
+---------+----------+--------+-------+------------+---------+
4 rows in set (0.00 sec)
```
//Creating View
```
mysql> create view te as select roll_no, fullname,class from
info;
Query OK, 0 rows affected (0.20 sec)
```
//Display table
```
mysql> select*from te;
+---------+----------+--------+
| roll_no | fullname | class |
+---------+----------+--------+
| 1 | harsha | secomp |
| 2 | harsh | te
| 101 | sai| se|
| 102 | ram| se|
+---------+----------+--------
```