**DAY-1**

mysql>root

mysql> show databases;

mysql> create database kitkat;

Query OK, 1 row affected (0.00 sec)

mysql> show databases;

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

| Database |

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

| information\_schema |

| avangers |

| banking |

| earth |

| kitkat |

| mars |

| myjoin |

| mysql |

| performance\_schema |

| project |

| shiftpluto |

| sony |

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

12 rows in set (0.00 sec)

mysql> use kitkat;

Database changed

mysql> show tables;

Empty set (0.00 sec)

mysql> create table student(id int(2),name varchar(15),city varchar(10));

Query OK, 0 rows affected (0.03 sec)

mysql> show tables;

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

| Tables\_in\_kitkat |

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

| student |

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

1 row in set (0.00 sec)

mysql> desc student;

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

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

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

| id | int(2) | YES | | NULL | |

| name | varchar(15) | YES | | NULL | |

| city | varchar(10) | YES | | NULL | |

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

3 rows in set (0.07 sec)

mysql> create table kfc(id int(2),product varchar(15),cost double(7,2));

Query OK, 0 rows affected (0.02 sec)

mysql> show tables;

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

| Tables\_in\_kitkat |

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

| kfc |

| student |

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

2 rows in set (0.00 sec)

mysql> desc kfc;

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

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

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

| id | int(2) | YES | | NULL | |

| product | varchar(15) | YES | | NULL | |

| cost | double(7,2) | YES | | NULL | |

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

3 rows in set (0.05 sec)

mysql> desc student;

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

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

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

| id | int(2) | YES | | NULL | |

| name | varchar(15) | YES | | NULL | |

| city | varchar(10) | YES | | NULL | |

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

3 rows in set (0.19 sec)

mysql> desc kfc;

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

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

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

| id | int(2) | YES | | NULL | |

| product | varchar(15) | YES | | NULL | |

| cost | double(7,2) | YES | | NULL | |

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

3 rows in set (0.13 sec)

mysql> alter table kfc add city varchar(10);

Query OK, 0 rows affected (0.08 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> desc kfc;

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

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

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

| id | int(2) | YES | | NULL | |

| product | varchar(15) | YES | | NULL | |

| cost | double(7,2) | YES | | NULL | |

| city | varchar(10) | YES | | NULL | |

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

4 rows in set (0.10 sec)

mysql> alter table student change column city mycity varchar(10);

Query OK, 0 rows affected (0.07 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> desc student;

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

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

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

| id | int(2) | YES | | NULL | |

| name | varchar(15) | YES | | NULL | |

| mycity | varchar(10) | YES | | NULL | |

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

3 rows in set (0.14 sec)

mysql> alter table student modify column name varchar(11);

Query OK, 0 rows affected (0.07 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> desc student;

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

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

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

| id | int(2) | YES | | NULL | |

| name | varchar(11) | YES | | NULL | |

| mycity | varchar(10) | YES | | NULL | |

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

3 rows in set (0.15 sec)

mysql> select \* from student;

Empty set (0.00 sec)

mysql> select \* from kfc;

Empty set (0.00 sec)

mysql> insert into student(id,name,mycity) values(1,'Micky','Hyd');

Query OK, 1 row affected (0.00 sec)

mysql> select \* from student;

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

| id | name | mycity |

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

| 1 | Micky | Hyd |

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

1 row in set (0.00 sec)

mysql> select \* from kfc;

Empty set (0.00 sec)

mysql> desc kfc;

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

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

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

| id | int(2) | YES | | NULL | |

| product | varchar(15) | YES | | NULL | |

| cost | double(7,2) | YES | | NULL | |

| city | varchar(10) | YES | | NULL | |

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

4 rows in set (0.11 sec)

mysql> insert into kfc(id,product,cost,city) values(1,'IceCream',1500,'Hyd');

Query OK, 1 row affected (0.00 sec)

mysql> select \* from kfc;

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

| id | product | cost | city |

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

| 1 | IceCream | 1500.00 | Hyd |

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

1 row in set (0.00 sec)

mysql> insert into student(id,name,mycity) values(2,'Harish','Hyd');

Query OK, 1 row affected (0.00 sec)

mysql> insert into student(id,name,mycity) values(3,'Aniruddh','Delhi');

Query OK, 1 row affected (0.00 sec)

mysql> insert into student(id,name,mycity) values(4,'Pavan','Goa');

Query OK, 1 row affected (0.00 sec)

mysql> select \* from kfc;

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

| id | product | cost | city |

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

| 1 | IceCream | 1500.00 | Hyd |

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

1 row in set (0.00 sec)

mysql> select \* from student;

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

| id | name | mycity |

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

| 1 | Micky | Hyd |

| 2 | Harish | Hyd |

| 3 | Aniruddh | Delhi |

| 4 | Pavan | Goa |

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

4 rows in set (0.00 sec)

mysql> delete from student where name = 'pavan';

Query OK, 1 row affected (0.01 sec)

mysql> select \* from student;

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

| id | name | mycity |

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

| 1 | Micky | Hyd |

| 2 | Harish | Hyd |

| 3 | Aniruddh | Delhi |

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

3 rows in set (0.00 sec)

mysql> delete from student;

Query OK, 3 rows affected (0.00 sec)

mysql> select \* from student;

Empty set (0.00 sec)