mysql> show databases;

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

| Database |

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

| information\_schema |

| mysql |

| performance\_schema |

| sys |

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

4 rows in set (0.00 sec)

mysql> create database nit;

Query OK, 1 row affected (0.02 sec)

mysql> show databases;

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

| Database |

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

| information\_schema |

| mysql |

| nit |

| performance\_schema |

| sys |

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

5 rows in set (0.00 sec)

mysql> use nit;

Database changed

mysql> create table student(

-> name varchar(30),

-> id int not null primary key,

-> address varchar(50),

-> marks int);

Query OK, 0 rows affected (0.06 sec)

mysql> show tables;

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

| Tables\_in\_nit |

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

| student |

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

1 row in set (0.02 sec)

mysql> describe student;

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

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

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

| name | varchar(30) | YES | | NULL | |

| id | int | NO | PRI | NULL | |

| address | varchar(50) | YES | | NULL | |

| marks | int | YES | | NULL | |

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

4 rows in set (0.01 sec)

mysql> insert into students(marks,id,name,address)values(78,12,'prakash','hyd');

ERROR 1146 (42S02): Table 'nit.students' doesn't exist

mysql> insert into student(marks,id,name,address)values(78,12,'prakesh','hyd');

Query OK, 1 row affected (0.03 sec)

mysql> insert into student values('kodi',40,'bng',66);

Query OK, 1 row affected (0.02 sec)

mysql> insert into student values('alex',45,'hyd',79),('cathy',17,'delhi',90)

-> ('dolly',48,'pune',67),('chancy',78,'mumbai',34);

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near '('dolly',48,'pune',67),('chancy',78,'mumbai',34)' at line 2

mysql> insert into student values('alex',45,'hyd',79),('cathy',17,'delhi',90),

-> ('dolly',48,'pune',67),('chancy',78,'mumbai',34);

Query OK, 4 rows affected (0.01 sec)

Records: 4 Duplicates: 0 Warnings: 0

mysql> show databases;

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

| Database |

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

| information\_schema |

| mysql |

| nit |

| performance\_schema |

| sys |

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

5 rows in set (0.00 sec)

mysql> select\*form student;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'form student' at line 1

mysql> select\*from student;;

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

| name | id | address | marks |

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

| prakesh | 12 | hyd | 78 |

| cathy | 17 | delhi | 90 |

| kodi | 40 | bng | 66 |

| alex | 45 | hyd | 79 |

| dolly | 48 | pune | 67 |

| chancy | 78 | mumbai | 34 |

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

6 rows in set (0.00 sec)

ERROR:

No query specified

mysql> select name from student;

+---------+

| name |

+---------+

| prakesh |

| cathy |

| kodi |

| alex |

| dolly |

| chancy |

+---------+

6 rows in set (0.00 sec)

mysql> select name,id from student;

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

| name | id |

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

| prakesh | 12 |

| cathy | 17 |

| kodi | 40 |

| alex | 45 |

| dolly | 48 |

| chancy | 78 |

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

6 rows in set (0.00 sec)

mysql> select\* from student where id=12;

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

| name | id | address | marks |

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

| prakesh | 12 | hyd | 78 |

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

1 row in set (0.00 sec)

mysql> select\* from student where id=78;

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

| name | id | address | marks |

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

| chancy | 78 | mumbai | 34 |

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

1 row in set (0.00 sec)

mysql> select\* from student;

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

| name | id | address | marks |

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

| prakesh | 12 | hyd | 78 |

| cathy | 17 | delhi | 90 |

| kodi | 40 | bng | 66 |

| alex | 45 | hyd | 79 |

| dolly | 48 | pune | 67 |

| chancy | 78 | mumbai | 34 |

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

6 rows in set (0.00 sec)

mysql> insert into student values('Sam',12,'hyd',56);

ERROR 1062 (23000): Duplicate entry '12' for key 'student.PRIMARY'

mysql> update student set address='chennai' where id=45;

Query OK, 1 row affected (0.02 sec)

Rows matched: 1 Changed: 1 Warnings: 0

mysql> select\* from student;

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

| name | id | address | marks |

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

| prakesh | 12 | hyd | 78 |

| cathy | 17 | delhi | 90 |

| kodi | 40 | bng | 66 |

| alex | 45 | chennai | 79 |

| dolly | 48 | pune | 67 |

| chancy | 78 | mumbai | 34 |

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

6 rows in set (0.00 sec)

mysql> alter table student add phoneNo int;

Query OK, 0 rows affected (0.04 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> select\* from student;

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

| name | id | address | marks | phoneNo |

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

| prakesh | 12 | hyd | 78 | NULL |

| cathy | 17 | delhi | 90 | NULL |

| kodi | 40 | bng | 66 | NULL |

| alex | 45 | chennai | 79 | NULL |

| dolly | 48 | pune | 67 | NULL |

| chancy | 78 | mumbai | 34 | NULL |

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

6 rows in set (0.00 sec)

mysql> update student set phoneNo=123;

Query OK, 6 rows affected (0.02 sec)

Rows matched: 6 Changed: 6 Warnings: 0

mysql> select\* from student;

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

| name | id | address | marks | phoneNo |

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

| prakesh | 12 | hyd | 78 | 123 |

| cathy | 17 | delhi | 90 | 123 |

| kodi | 40 | bng | 66 | 123 |

| alex | 45 | chennai | 79 | 123 |

| dolly | 48 | pune | 67 | 123 |

| chancy | 78 | mumbai | 34 | 123 |

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

6 rows in set (0.00 sec)

mysql> update set phoneNo=456 where id=45;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'set phoneNo=456 where id=45' at line 1

mysql> update student set phoneNo=456 where id=45;

Query OK, 1 row affected (0.02 sec)

Rows matched: 1 Changed: 1 Warnings: 0

mysql> select\* from student;

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

| name | id | address | marks | phoneNo |

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

| prakesh | 12 | hyd | 78 | 123 |

| cathy | 17 | delhi | 90 | 123 |

| kodi | 40 | bng | 66 | 123 |

| alex | 45 | chennai | 79 | 456 |

| dolly | 48 | pune | 67 | 123 |

| chancy | 78 | mumbai | 34 | 123 |

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

6 rows in set (0.00 sec)

mysql> describe student;

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

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

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

| name | varchar(30) | YES | | NULL | |

| id | int | NO | PRI | NULL | |

| address | varchar(50) | YES | | NULL | |

| marks | int | YES | | NULL | |

| phoneNo | int | YES | | NULL | |

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

5 rows in set (0.00 sec)

mysql>