mysql> create database Hospital;

Query OK, 1 row affected (0.05 sec)

mysql> show databases;

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

| Database |

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

| bank |

| company |

| emplyoee |

| hospital |

| information\_schema |

| mysql |

| performance\_schema |

| shashank |

| sys |

| yash |

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

10 rows in set (0.05 sec)

mysql> use Hospital;

Database changed

mysql> use hospital;

Database changed

mysql> use Hospital;

Database changed

mysql> CREATE table Product (prod\_id int PRIMARY KEY, Prod\_name varchar(60) NOT NULL, Prod\_category varchar(255) NOT NULL, Brand\_name varchar(255) NOT NULL,

Suppl\_name varchar(255) NOT NULL, Prod\_price varchar(225) );

Query OK, 0 rows affected (0.04 sec)

mysql> INSERT INTO Product VALUES(1,'Rice','Grocery','Dawat','Ramesh',140);

Query OK, 1 row affected (0.02 sec)

mysql> INSERT INTO Product VALUES(1,'Sugar','Grocery','Dawat','Ramesh',140);

ERROR 1062 (23000): Duplicate entry '1' for key 'product.PRIMARY'

mysql> INSERT INTO Product VALUES(2,'Sugar','Grocery','Dawat','Ramesh',140);

Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO Product VALUES(3,'Kurta','Grocery','Dawat','Ramesh',140);

Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO Product VALUES(4,'Jacket','Cloth','Dawa','Ramesh',140);

Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO Product VALUES(5,'Jack','Cloth','Dawa','Ramesh',140);

Query OK, 1 row affected (0.01 sec)

mysql> CREATE TABLE Time(Time\_id int PRIMARY KEY, day DATE NOT NULL, MONTH varchar(255) NOT NULL, QUATER varchar(255) NOT NULL, YEAR varchar(255) NOT NULL);

Query OK, 0 rows affected (0.02 sec)

mysql> INSERT INTO Time VALUES(101, DATE '2020-1-17','FEB','Q1','2021');

Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO Time VALUES(102, DATE '2020-3-17','March','Q2','2022');

Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO Time VALUES(103, DATE '2020-4-18','April','Q3','2023');

Query OK, 1 row affected (0.01 sec)

mysql> CREATE TABLE Location(LOC\_id int PRIMARY KEY,Street varchar(60) NOT NULL, City varchar(255) NOT NULL, State varchar(255) NOT NULL, Country varchar(255) NOT NULL);

Query OK, 0 rows affected (0.03 sec)

mysql> INSERT INTO Time Location(201,'Ml road', 'Mumbai','Maharashtra','India');

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 'Location(201,'Ml road', 'Mumbai','Maharashtra','India')' at line 1

mysql> INSERT INTO Location(201,'Ml road', 'Mumbai','Maharashtra','India');

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 '201,'Ml road', 'Mumbai','Maharashtra','India')' at line 1

mysql> INSERT INTO Location VALUES(201,'Ml road', 'Mumbai','Maharashtra','India');

Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO Location VALUES(202,'TT road', 'Pune','Maharashtra','India');

Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO Location VALUES(202,'SR road', 'Nashik','Maharashtra','India');

ERROR 1062 (23000): Duplicate entry '202' for key 'location.PRIMARY'

mysql> INSERT INTO Location VALUES(203,'SR road', 'Nashik','Maharashtra','India');

Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO Location VALUES(203,'PP ROAD', 'Nagpur','Maharashtra','India');

ERROR 1062 (23000): Duplicate entry '203' for key 'location.PRIMARY'

mysql> INSERT INTO Location VALUES(204,'PP ROAD', 'Nagpur','Maharashtra','India');

Query OK, 1 row affected (0.00 sec)

mysql> CREATE table Fact\_Sales(prod\_id int REFERENCES Product (prod\_id), time\_id int REFERENCES Time(Time\_id),loc\_id int REFERENCES Location(Loc\_id),number\_of\_units\_sold int NOT NULL,Total\_sales int NOT NULL);

Query OK, 0 rows affected (0.04 sec)

mysql> INSERT INTO Fact\_Sales values(1,101,201,400,80000);

Query OK, 1 row affected (0.00 sec)

mysql> INSERT INTO Fact\_Sales values(1,103,201,400,70000);

Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO Fact\_Sales values(1,102,201,400,90000);

Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO Fact\_Sales values(1,104,201,400,90000);

Query OK, 1 row affected (0.01 sec)

mysql> show tables;

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

| Tables\_in\_hospital |

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

| fact\_sales |

| location |

| product |

| time |

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

4 rows in set (0.02 sec)

mysql> select\* from Product;

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

| prod\_id | Prod\_name | Prod\_category | Brand\_name | Suppl\_name | Prod\_price |

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

| 1 | Rice | Grocery | Dawat | Ramesh | 140 |

| 2 | Sugar | Grocery | Dawat | Ramesh | 140 |

| 3 | Kurta | Grocery | Dawat | Ramesh | 140 |

| 4 | Jacket | Cloth | Dawa | Ramesh | 140 |

| 5 | Jack | Cloth | Dawa | Ramesh | 140 |

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

5 rows in set (0.00 sec)

mysql> select\* from Time;

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

| Time\_id | day | MONTH | QUATER | YEAR |

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

| 101 | 2020-01-17 | FEB | Q1 | 2021 |

| 102 | 2020-03-17 | March | Q2 | 2022 |

| 103 | 2020-04-18 | April | Q3 | 2023 |

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

3 rows in set (0.00 sec)

mysql> select\* from Location;

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

| LOC\_id | Street | City | State | Country |

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

| 201 | Ml road | Mumbai | Maharashtra | India |

| 202 | TT road | Pune | Maharashtra | India |

| 203 | SR road | Nashik | Maharashtra | India |

| 204 | PP ROAD | Nagpur | Maharashtra | India |

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

4 rows in set (0.00 sec)

mysql> select\* from Fact\_Sales;

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

| prod\_id | time\_id | loc\_id | number\_of\_units\_sold | Total\_sales |

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

| 1 | 101 | 201 | 400 | 80000 |

| 1 | 103 | 201 | 400 | 70000 |

| 1 | 102 | 201 | 400 | 90000 |

| 1 | 104 | 201 | 400 | 90000 |

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

4 rows in set (0.00 sec)