Assignment # 3 (MY SQL)

1)First to create a Database I used the command: CREATE DATABASE store;

2)To create table items: CREATE TABLE items(

```
id INT(11) NOT NULL AUTO_INCREMENT,
name VARCHAR(255) NOT NULL,
price VARCHAR(255) NOT NULL,
PRIMARY KEY(id),
);
```

To create index in items: CREATE INDEX idx_items
ON items(id,name,price);

3)Similarly create users: CREATE TABLE users(

```
id IN(11) NOT NULL AUTO_INCREMENT,
name VARCHAR(255) NOT NULL,
email VARCHAR(255) NOT NULL,
password VARCHAR(255) NOT NULL,
contact VARCHAR(255) NOT NULL,
city VARCHAR(255) NOT NULL,
address VARCHAR(255) NOT NULL,
PRIMARY KEY(id),
);
```

To create index in items: CREATE INDEX idx_users
ON items(id,name,email,password,contact,city,address);

4)Similarly create users_items: CREATE TABLE users_items(

```
id INT(11) NOT NULL AUTO_INCREMENT,
user_id INT(11) NOT NULL,
item_id INT(11) NOT NULL,
status ENUM('added to cart','confirmed') NOT NULL,
PRIMARY KEY(id),
);
```

 To create index in items: CREATE INDEX idx_users_items
ON items(id,user_id,item_id,status);

5) To insert the data in items table: INSERT INTO items (id,name,price)
```
VALUES
(1,SONY DSLR,36000.00);

INSERT INTO items (id,name,price)
VALUES
(2,Cannon EOS,40000.00);

INSERT INTO items (id,name,price)
VALUES
(3,Nikon HD,66000.00);

INSERT INTO items (id,name,price)
VALUES
(4,Olympus DSLR,86000.00);

INSERT INTO items (id,name,price)
VALUES
(5,Titan Model 301,48000.00);

INSERT INTO items (id,name,price)
VALUES
(6,Fastrack Model 203,38000.00);

INSERT INTO items (id,name,price)
VALUES
(7,HMT Milan,98000.00);

INSERT INTO items (id,name,price)
VALUES
(8,Faber Luba,98000.00);

INSERT INTO items (id,name,price)
VALUES
(9,Louis Phil,8000.00);

INSERT INTO items (id,name,price)
```

```sql
VALUES
(10,H & W,18000.00);

INSERT INTO items (id,name,price)
VALUES
(11,John Zok,23000.00);

INSERT INTO items (id,name,price)
VALUES
(12,Jhalsani,38000.00);
```