**1st : Create Database**

CREATE DATABASE (name of the Database)

**2nd: create table**

CREATE TABLE users(

user\_id varchar(10),

name varchar(10),

address varchar(10)

)

**3rd: if you forget adding the primary key then commands:**

ALTER TABLE users ADD PRIMARY KEY (user\_id)

**4th: Create 2nd Table:**

CREATE TABLE products(

p\_id varchar(10),

p\_name varchar(10),

price varchar(10),

PRIMARY KEY (p\_id)

)

**5th: Create 3rd Table:**

CREATE TABLE orders(

o\_id varchar(10),

user\_id varchar(10),

p\_id varchar(10),

PRIMARY KEY (o\_id),

FOREIGN KEY (user\_id) REFERENCES users(user\_id) ON DELETE CASCADE,

FOREIGN KEY (p\_id) REFERENCES products(p\_id) ON DELETE CASCADE

)

**6th: Insert Data table No 1(users) Table:**

INSERT INTO users (user\_id,name,address) VALUES

("100","Smith","Khulan"),

("101","John","Dhaka"),

("102","Renys","Cumilla"),

("103","Shova","Sylhet")

**6th: Insert Data table No 2(products) Table:**

INSERT INTO products (p\_id,p\_name,price) VALUES

("201","Watch","2640"),

("203","Iphone","150000"),

("301","Printer","7000"),

("179","Laptop","350000")

**7th: Insert Data Table no 3(orders) Table:**

INSERT INTO orders (o\_id,user\_id,p\_id) VALUES

("1","101","203"),

("2","103","201"),

("3","102","179"),

("4","100","301")

**Question: Simple Query:**

1. Sum of All products?

Answer: SELECT SUM(price) FROM products

1. Find the Maximum Price?

Answer: SELECT MAX(price) FROM products

1. Find the second largest ?

Answer: SELECT MAX(price) FROM products

WHERE price < (SELECT MAX(price) FROM products)

1. Total Number of Users?

Answer: SELECT COUNT(user\_id) FROM users