Data Manipulation language (DML) Checkpoint

CREATE TABLE Customer (

   Customer_id VARCHAR2 (20) CONSTRAINT pk_customer PRIMARY KEY,

   Customer_name VARCHAR2 (20) CONSTRAINT nn_customer NOT NULL,

   Customer_tel NUMBER

) ;

CREATE TABLE Product (

Product_id VARCHAR2 (20) CONSTRAINT pk_product PRIMARY KEY,

Product_name VARCHAR2 (20) CONSTRAINT nn_product NOT NULL,

Category VARCHAR2 (20),

Price NUMBER CONSTRAINT c_product CHECK (Price>0)

);

CREATE TABLE Orders (

Customer_id VARCHAR2 (20),

Product_id VARCHAR2 (20),

OrderDate DATE,

Quantity NUMBER,

Total_amount NUMBER,

CONSTRAINT fk1_orders FOREIGN KEY (Customer_id) REFERENCES Customer (Customer_id),

CONSTRAINT fk2_orders FOREIGN KEY (Product _id) REFERENCES Product (Product _id),

CONSTRAINT pk_orders PRIMARY KEY (Customer_id, Product _id)

) ;

insert data into the different tables

INSERT INTO Product VALUES ('P01', 'Samsung Galaxy S20', 'Smartphone', 3299);

INSERT INTO Product VALUES ('P02', 'ASUS Notebook','Pc', 4599);

INSERT INTO Customer VALUES ('C01', 'ALI', 71321009);

INSERT INTO Customer VALUES ('C02', 'ASMA', 77345823);

INSERT INTO Orders (Customer_id, Product_id, Quantity, Total_amount)

VALUES ('C01','P02', 2, 9198)

INSERT INTO Orders VALUES ('C02', 'P01', 28/05/2020, 1, 3299)