Creating Customer table

CREATE TABLE Customer (

Customer\_id VARCHAR2(20),

Customer\_Name VARCHAR2(20) CONSTRAINT C1 NOT NULL ,

Customer\_Tel NUMBER,

CONSTRAINT Customer\_id PRIMARY KEY (Customer\_id)

);

Creating Product table

CREATE TABLE Product (

Product\_id VARCHAR2(20) PRIMARY KEY,

Product\_name VARCHAR2(20) CONSTRAINT C2 NOT NULL,

Price NUMBER CONSTRAINT c3 check(Price > 0 ),

CONSTRAINT Product\_id PRIMARY KEY (Product\_id)

);

Creating Orders table

CREATE TABLE Orders (

Customer\_id VARCHAR2(20),

Product\_id VARCHAR2(20),

Quantity NUMBER,

Total\_amount NUMBER ,

CONSTRAINT Customer\_id FOREIGN KEY (Customer\_id) REFERENCES Customer (Customer\_id),

CONSTRAINT Product\_id FOREIGN KEY (Product\_id) REFERENCES Product (Product\_id)

);

Add a column Category (VARCHAR2(20)) to the PRODUCT table.

ALTER TABLE Product ADD Category VARCHAR2(20);

Add a column OrderDate (DATE) to the ORDERS table which have SYSDATE as a default value.

ALTER TABLE Orders ADD OrderDate DATE DEFAULT SYSDATE;

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 VALUES(‘C01’,’P02’, ‘NULL’ , 2 , 9198)

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