**I.CREATING TABLES**

1. **Create a PRODUCT relational model using SQL :**

CREATE TABLE PRODUCT (

Product\_id VARCHAR2(20) PRIMARY KEY,

Product\_name VARCHAR2(20) NOT NULL,

Price NUMBER CHECK (Price > 0)

) ;

1. **Create a CUSTOMER relational model using SQL :**

CREATE TABLE CUSTOMER (

Customer\_id VARCHAR2(20) PRIMARY KEY,

Customer\_name VARCHAR2(20) NOT NULL,

Customer\_tel NUMBER

) ;

1. **Create ORDERS relational model using SQL :**

CREATE TABLE ORDERS (

Customer\_id VARCHAR2(20) PRIMARY KEY,

Product\_id VARCHAR2(20),

Quantity NUMBER,

Total\_amount NUMBER,

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

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

) ;

**II.ADDING COLUMNS**

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

ALTER TABLE Product ADD Category VARCHAR2(20) ;

1. **Add a column OrderDate (DATE) to the ORDERS table having SYSDATE as the default value :**

ALTER TABLE Orders ADD OrderDate DATE DEFAULT SYSDATE ;