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)

) ;

2. 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

) ;

3. 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

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

ALTER TABLE Product ADD Category VARCHAR2(20) ;

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

ALTER TABLE Orders ADD OrderDate DATE DEFAULT SYSDATE ;