***Relational model***

* **Create Product TABLE :**

CREATE TABLE Product(

Product\_id **VARCHAR2**(20) **CONSTRAINT** pk-product **PRIMARY KEY** ,

Product\_Name **VARCHAR2**(20) **NOT NULL**,

Price **NUMBER** CHECK (Price>0)

);

* **Create Customer TABLE :**

CREATE TABLE Customer(

Customer\_id **VARCHAR2**(20) **CONSTRAINT** pk-customer **PRIMARY KEY** ,

Customer\_Name **VARCHAR2**(20) **NOT NULL**,

Customer\_Tel **NUMBER**

);

* **Create OrdersTABLE :**

CREATE TABLE Orders(

Quantity **NUMBER** ,

Total\_amount **NUMBER**,

**CONSTRAINT** fk\_customer **FOREIGN KEY** (Customer\_id) **REFERENCES** Customer(Customer\_id),

**CONSTRAINT** fk\_product **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()**