

Customer (**Customer\_id**, customer\_Name, customer\_Tel)

Product (**Product\_id**, product\_name, Price)

Orders ( **#Customer\_id, #Product\_id**, quantity, total\_amount)

Product		
Column Name	Data Type	Constraint
Product_id	VARCHAR2(20)	Primary Key
Product_Name	VARCHAR2(20)	NOT NULL
Price	NUMBER	Positive value

Customer		
Column Name	Data Type	Constraint
Customer_id	VARCHAR2(20)	Primary Key
Customer_Name	VARCHAR2(20)	NOT NULL
Customer_Tel	NUMBER	

Orders		
Column Name	Data Type	Constraint
Customer_id	VARCHAR2(20)	Foreign Key
Product_id	VARCHAR2(20)	Foreign Key
Quantity	NUMBER	
Total_amount	NUMBER	

```
CREATE TABLE Product (Product_id VARCHAR2(20) CONSTRAINT pk_product PRIMARY KEY , Product_Name VARCHAR2(20) CONSTRAINT nt_product NOT NULL ,Price NUMBER CONSTRAINT ck_product CHECK (price>0) )
```

```
CREATE TABLE Customer (Customer_id VARCHAR2(20) CONSTRAINT pk_customer PRIMARY KEY, Customer_Name VARCHAR2(20) CONSTRAINT nt_customer NOT NULL , Customer_Tel NUMBER )
```

```
CREATE TABLE Orders (CONSTRAINT fk_customer FOREIGN KEY (Costumer_id) REFERENCES Customer (Costumer_id) , CONSTRAINT fk_product FOREIGN KEY (Product_id) REFERENCES Product (Product_id) , Quantity Number ,Total_amount NUMBER )
```

```
ALTER TABLE Product ADD Category (VARCHAR2(20);  
ALTER TABLE Orders ADD OrderDate (DATE) DEFAULT SYSDATE;
```