

Checkpoint Data Definition Language :

Customer (Customer_id, customer_Name, customer_Tel)

Product (Product_id, product_name, Price)

Orders (#Customer_id, #Product_id, quantity, total_amount)

Product			Customer		
Column Name	Data Type	Constraint	Column Name	Data Type	Constraint
Product_id	VARCHAR2(20)	Primary Key	Customer_id	VARCHAR2(20)	Primary Key
Product_Name	VARCHAR2(20)	NOT NULL	Customer_Name	VARCHAR2(20)	NOT NULL
Price	NUMBER	Positive value	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 NUMBER PRIMARY KEY,
PRODUCT_NAME VARCHAR(20) NOT NULL,
PRICE NUMBER CHECK (PRICE >= 0))

CREATE TABLE CUSTOMER (CUSTOMER_id NUMBER PRIMARY KEY,
CUSTOMER_NAME VARCHAR(20) NOT NULL,
CUSTOMER_TEL NUMBER)

CREATE TABLE ORDERS (CUSTOMER_id NUMBER , PRODUCT_id VARCHAR(20) ,
QUANTITY NUMBER,
TOTAL_AMOUNT NUMBER,

ALTER TABLE PRODUCT ADD Category VARCHAR2(20);

ALTER TABLE ORDERS ADD OrderDate DATE default SYSDATE