

CREATE TABLE Product (

Product_id VARCHAR2(20) CONSTRAINT pk_Product PRIMARY KEY,

Product_name VARCHAR2(20) CONSTRAINT nt_Product_name NOT NULL,

Price NUMBER CONSTRAINT positive CHECK (Price > 0)

);

CREATE TABLE Customer (

Customer_id VARCHAR2(20) CONSTRAINT pk_Customer PRIMARY KEY,

Customer_Name VARCHAR2(20) CONSTRAINT nt_Customer_name NOT NULL,

Customer_tel NUMBER

);

CREATE TABLE Orders (

Customer_id VARCHAR2(20),

Product_id VARCHAR2(20),

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)

);

ALTER TABLE Product ADD Category VARCHAR2(20);

ALTER TABLE Orders ADD OrderDate DATE CONSTRAINT sysdate SYSDATE