1)

**CREATE TABLE Customer** (

Customer\_id VARCHAR2(20) check\_id **CHECK**(Customer\_id >0)**CONSTRAINT** pk\_Customer **PRIMARY KEY**,

customer\_Name **VARCHAR2**(20) **CONSTRAINT** nn\_Customer **NOT NULL,**

Customer\_Tel **NUMBER** check \_tel **CHECK( length (** customer\_Tel**)**==8**)**

)**;**

**CREATE TABLE Product**(

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

product\_Name **VARCHAR2**(20) **CONSTRAINT** nn\_Product **NOT NULL,**

Price **NUMBER CONSTRAINT** check\_price **CHECK** (price>0)

)**;**

**CREATE TABLE** Orders(

Quantity **NUMBER ,**

total\_amount **NUMBER**

**CONSTRAINT** fk\_Orders\_Customer

**FOREIGN KEY** (Customer\_id) **REFERENCES** Customer(Customer\_id) **,**

**CONSTRAINT** fk\_Orders\_Product

**FOREIGN KEY** (Product\_id) **REFERENCES** Product(Product\_id)

)**;**

2)

**ALTER TABLE** Product **ADD** category **VARCHAR2**(20) **;**

**ALTER TABLE** Orders **ADD** orderDate **DATE DEFAULT** SYSDATE() **;**