1. You are asked to create the above given relational model using SQL language and based on the different mentioned constraints.
   * CREATE TABLE Product (

Product\_idVARCHAR2(20)CONSTRAINTpk\_Product PRIMARY KEY,

Product\_NameVARCHAR2(20)CONSTRAINTnn\_ProductNOT NULL,

Price NUMBERCONSTRAINT check\_PriceCHECK (Price>0)

)

* + CREATE TABLE Customer (

Customer\_idVARCHAR2(20) CONSTRAINT pk\_Customer PRIMARY KEY,

Customer\_NameVARCHAR2(20) CONSTRAINT nn\_CustomerNOT NULL,

Customer\_TelNUMBER

)

* + CREATE TABLE Orders (

Customer\_idVARCHAR2(20) CONSTRAINT pk\_Customer PRIMARY KEY,

Product\_idVARCHAR2(20) CONSTRAINT pk\_Product PRIMARY KEY,

Quantity NUMBER

Total\_amountNUMBER

)

1. After creating tables, write SQL commands to:

* Add a column Category (VARCHAR2(20)) to the PRODUCT table.
* Add a column OrderDate (DATE)  to the ORDERS table which have SYSDATE as a default value.
* ALTER TABLE Product ADD Category VARCHAR2(20)
* ALTER TABLE Orders ADDOrderDate DATE DEFAULT ‘SYSDATE’