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\_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 Customer (

Customer\_id VARCHAR2(20) CONSTRAINT pk\_Customer PRIMARY KEY,

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

Customer\_Tel NUMBER

)

* + CREATE TABLE Orders (

Customer\_id VARCHAR2(20) CONSTRAINT pk\_Customer PRIMARY KEY,

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

Quantity NUMBER

Total\_amount NUMBER

)

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 ADD OrderDate DATE DEFAULT ‘SYSDATE’