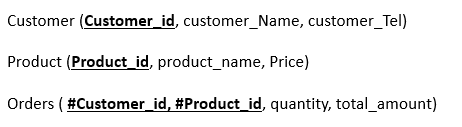
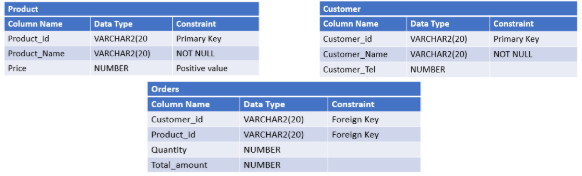
**Relational Model:**



**Data types table :**



**Relational Model using SQL language:**

CREATE TABLE Customer (

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

Customer\_Name VARCHAR2(20) CONSTRAINT c\_cust\_name NOT NULL,

Customer\_Tel NUMBER,

);

CREATE TABLE Product (

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

Product \_Name VARCHAR2(20) CONSTRAINT c\_prod\_name NOT NULL,

Price NUMBER CONSTRAINT c\_price CHECK (Price>=0),

);

CREATE TABLE Orders (

Customer\_id VARCHAR2(20),

Product \_id VARCHAR2(20),

Quantity NUMBER,

Total\_amount NUMBER,

CONSTRAINT fk\_orders1 FOREIGN KEY (Customer\_id) REFERENCES Customer (Customer\_id),

CONSTRAINT fk\_orders2 FOREIGN KEY (Product \_id) REFERENCES Product (Product \_id),

);

**SQL commands:**

ALTER TABLE Product ADD Category VARCHAR2(20);

ALTER TABLE Orders ADD OrderDate DATE DEFAULT SYSDATE;