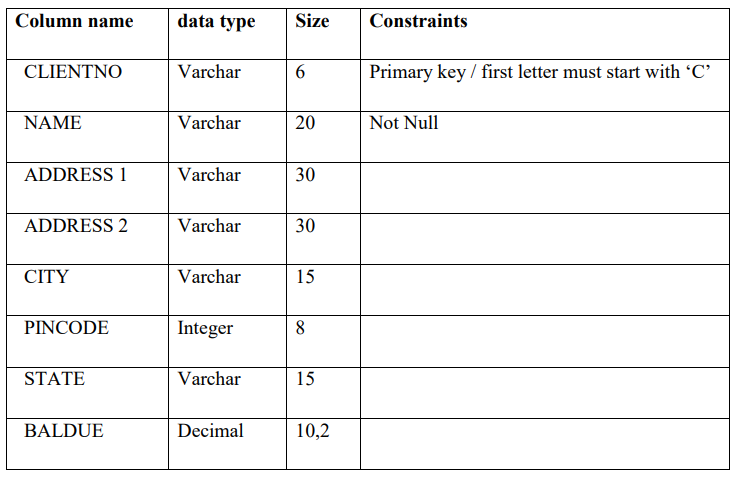
**EXPERIMENT 3 Date: 27th January 2023**

**TITLE:** **DDL (Data Definition Language) commands with Data Constraints**

**Objective:** To understand the concept of data constraints that is enforced on data being stored in the table. Focus on Primary Key and the Foreign Key

**CREATE THE TABLES DESCRIBED BELOW:**

1. **Table name: CLIENT\_MASTER\_1**

**Description:** use to store client information

**Query:**

CREATE TABLE CLIENT\_MASTER\_1(

CLIENTNO VARCHAR (6),

NAME VARCHAR(20) NOT NULL,

ADDRESS1 VARCHAR (30),

ADDRESS2 VARCHAR (30),

CITY VARCHAR (15),

PINCODE INTEGER(8),

STATE VARCHAR (15),

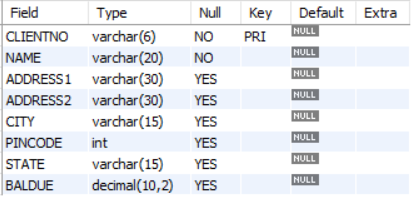
BALDUE DECIMAL (10,2),

PRIMARY KEY (CLIENTNO),

CHECK (CLIENTNO LIKE 'C%')

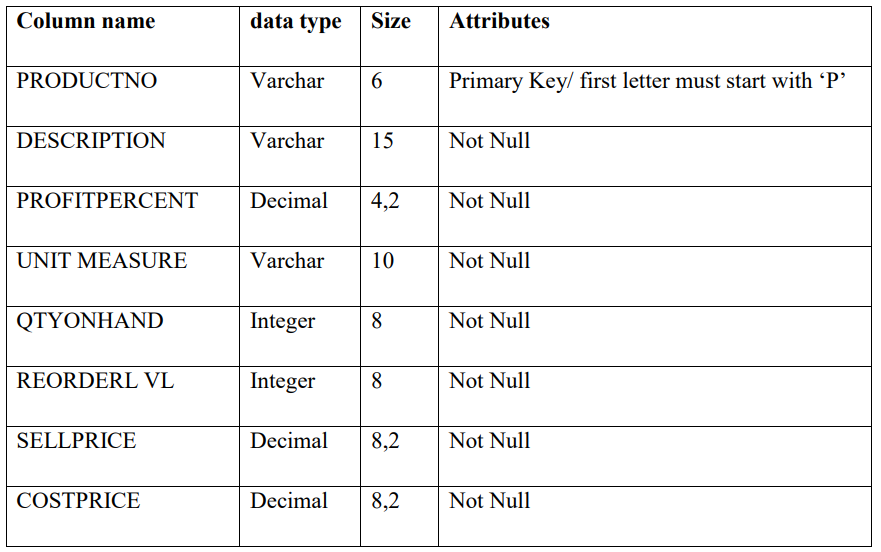
);

DESC CLIENT\_MASTER\_1;



1. **Table Name: PRODUCT\_MASTER\_1**

**Description:** used to store product information

****

**Query:**

CREATE TABLE PRODUCT\_MASTER\_1(

PRODUCTNO VARCHAR (6),

DESCRIPTION VARCHAR(15) NOT NULL,

PROFIT\_PERCENT DECIMAL (4,2) NOT NULL,

UNIT\_MEASURE VARCHAR (10) NOT NULL,

QTY\_ON\_HAND INTEGER(8) NOT NULL,

REORDERL\_VL INTEGER(8) NOT NULL,

SELLPRICE DECIMAL(8,2) NOT NULL,

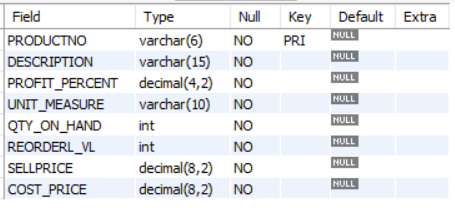
COST\_PRICE DECIMAL(8,2) NOT NULL,

PRIMARY KEY (PRODUCTNO),

CHECK (PRODUCTNO LIKE 'P%')

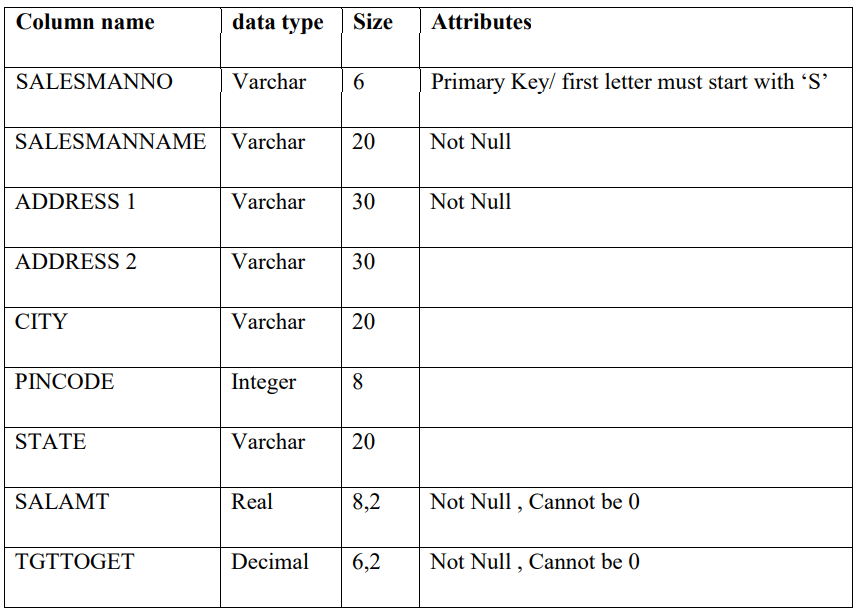
);

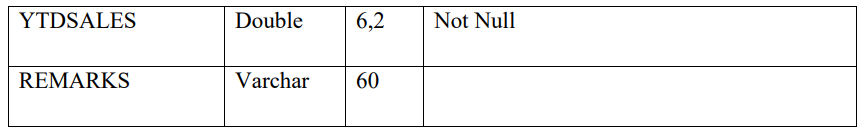
DESC PRODUCT\_MASTER\_1;



1. **Table Name: SALESMAN\_MASTER \_1**

**Description:** used to store salesman information working for the company





**Query:**

CREATE TABLE SALESMAN\_MASTER\_1(

SALESMANNO VARCHAR (6),

SALESMANNAME VARCHAR(20) NOT NULL,

ADDRESS1 VARCHAR(30) NOT NULL,

ADDRESS2 VARCHAR(30),

CITY VARCHAR (20),

PINCODE INTEGER(8),

STATE VARCHAR (20),

SALAMT REAL(8,2) NOT NULL CHECK(SALAMT!=0),

TGTTOGET DECIMAL(6,2) NOT NULL CHECK(TGTTOGET!=0),

YTDSALES DOUBLE(6,2) NOT NULL,

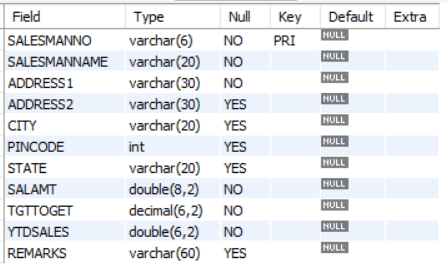
REMARKS VARCHAR (60),

PRIMARY KEY (SALESMANNO),

CHECK (SALESMANNO LIKE 'S%')

);

DESC SALESMAN\_MASTER\_1;



**REINSERT THE DATA IN THESE TWO TABLES BASED UPON LAB 1**

1. **Table name: CLIENT\_MASTER\_1**

INSERT INTO CLIENT\_MASTER\_1 VALUES("C00001", "Ivan bayross", NULL, '', "Mumbai", 400054, "Maharashtra", 15000);

INSERT INTO CLIENT\_MASTER\_1(CLIENTNO, NAME, CITY, PINCODE, STATE, BALDUE) VALUES("C00002", "Mamta muzumdar", "Madras", 780001, "Tamil nadu", 0);

INSERT INTO CLIENT\_MASTER\_1(CLIENTNO, NAME, CITY, PINCODE, STATE, BALDUE) VALUES('C00003', 'Chhaya bankar', 'Mumbai', 400057, 'Maharashtra', 5000);

INSERT INTO CLIENT\_MASTER\_1(CLIENTNO, NAME, CITY, PINCODE, STATE, BALDUE) VALUES('C00004', 'Ashwini joshi', 'Bangalore', 560001, 'Karnataka', 0);

INSERT INTO CLIENT\_MASTER\_1(CLIENTNO, NAME, CITY, PINCODE, STATE, BALDUE) VALUES('C00005', 'Hansel colaco', 'Mumbai', 400060, 'Maharashtra', 2000);

INSERT INTO CLIENT\_MASTER\_1(CLIENTNO, NAME, CITY, PINCODE, STATE, BALDUE) VALUES('C00006', 'Deepak sharma', 'Mangalore', 560050, 'Karnataka', 0);

1. **Table Name: PRODUCT\_MASTER\_1**

INSERT INTO PRODUCT\_MASTER\_1 VALUES('P00001', 'T-Shirt', 5, 'Piece', 200, 50, 350, 250);

INSERT INTO PRODUCT\_MASTER\_1 VALUES('P0345', 'Shirts', 6, 'Piece', 150, 50, 500, 350);

INSERT INTO PRODUCT\_MASTER\_1 VALUES('P06734', 'Cotton jeans', 5, 'Piece', 100, 20, 600, 450);

INSERT INTO PRODUCT\_MASTER\_1 VALUES('P07865', 'Jeans', 5, 'Piece', 100, 20, 750, 500);

INSERT INTO PRODUCT\_MASTER\_1 VALUES('P07868', 'Trousers', 2, 'Piece', 150, 50, 850, 550);

INSERT INTO PRODUCT\_MASTER\_1 VALUES('P07885', 'Pull Overs', 2.5, 'Piece', 80, 30, 700, 450);

INSERT INTO PRODUCT\_MASTER\_1 VALUES('P07965', 'Denim jeans', 4, 'Piece', 100, 40, 350, 250);

INSERT INTO PRODUCT\_MASTER\_1 VALUES('P07975', 'Lycra tops', 5, 'Piece', 70, 30, 300, 175);

INSERT INTO PRODUCT\_MASTER\_1 VALUES('P08865', 'Skirts', 5, 'Piece', 75, 30, 450, 300);

1. **Table Name: SALESMAN\_MASTER \_1**

INSERT INTO SALESMAN\_MASTER\_1 VALUES('S00001', 'Aman', 'A/14', 'Worli', 'Mumbai', 400002, 'Maharashtra', 3000, 100, 50, 'Good');

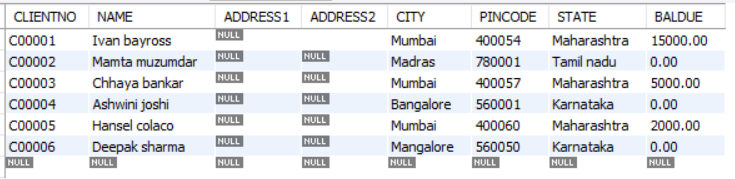
INSERT INTO SALESMAN\_MASTER\_1 VALUES('S00002', 'OMKAR', '65', 'NARIMAN', 'Mumbai', 400002, 'Maharashtra',3000, 200, 100, 'Good');

INSERT INTO SALESMAN\_MASTER\_1 VALUES('S00003', 'RAJ', 'P-7', 'BANDRA', 'Mumbai', 400032, 'Maharashtra',3000, 200, 100, 'Good');

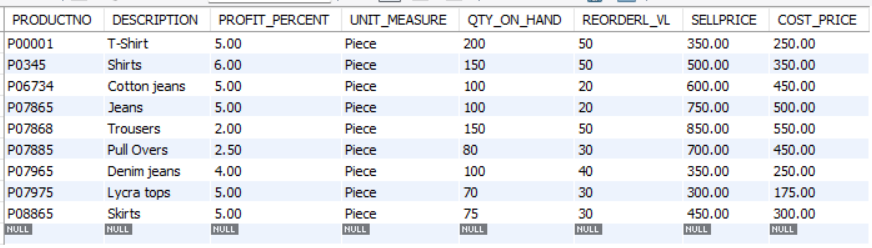
INSERT INTO SALESMAN\_MASTER\_1 VALUES('S00004', 'ASHISH', 'A/5', 'JUHU', 'Mumbai', 400044, 'Maharashtra',3000, 200, 150, 'Good');

1. **Display the contents of each table.**

SELECT \* FROM CLIENT\_MASTER\_1;



SELECT \* FROM PRODUCT\_MASTER\_1;

  
SELECT \* FROM SALESMAN\_MASTER\_1;

