ADDING PRIMARY KEY AND NAMED CONSTRAINT WHILE CREATING A TABLE:

CREATE TABLE CLIENT\_MASTER (

CLIENTNO Varchar(6),

NAME Varchar(20),

ADDRESS1 Varchar(30),

ADDRESS2 Varchar(30),

CITY Varchar(15),

PINCODE Int(8),

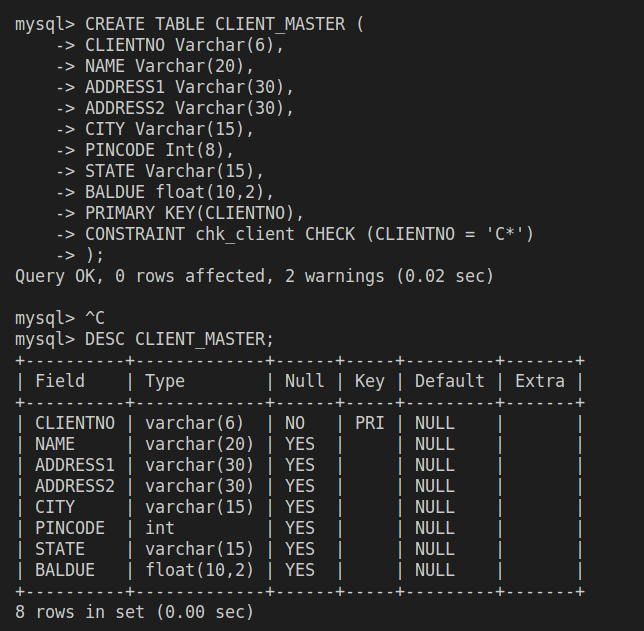
STATE Varchar(15),

BALDUE float(10,2),

PRIMARY KEY(CLIENTNO),

CONSTRAINT chk\_client CHECK (CLIENTNO = 'C\*')

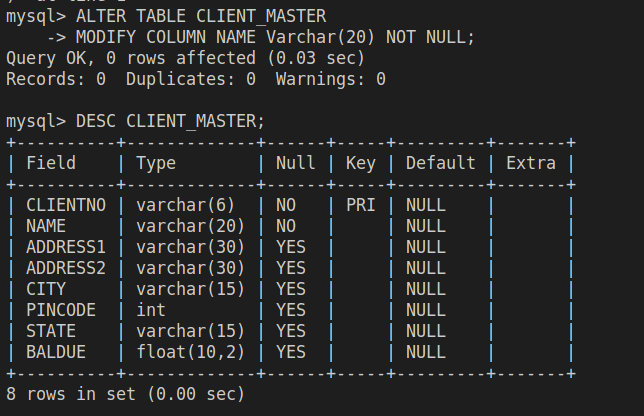
);



ADDING NOT NULL CONSTRAINT IN A COLUMN OF AN EXISTING TABLE:

ALTER TABLE CLIENT\_MASTER

MODIFY COLUMN NAME Varchar(20) NOT NULL;



CREATING A TABLE WITH DEFINITION OF BOTH PRIMARY KEY AND CONSTRAINTS:

CREATE TABLE PRODUCT\_MASTER (

PRODUCTNO Varchar(6),

DESCRIPTION Varchar(15) NOT NULL,

PROFITPERCENT float(4,2) NOT NULL,

UNITMEASURE Varchar(10) NOT NULL,

QTYONHOLD int(8) NOT NULL,

REORDERLVL int(8) NOT NULL,

SELLPRICE float(8,2) NOT NULL,

COSTPRICE float(8,2) NOT NULL,

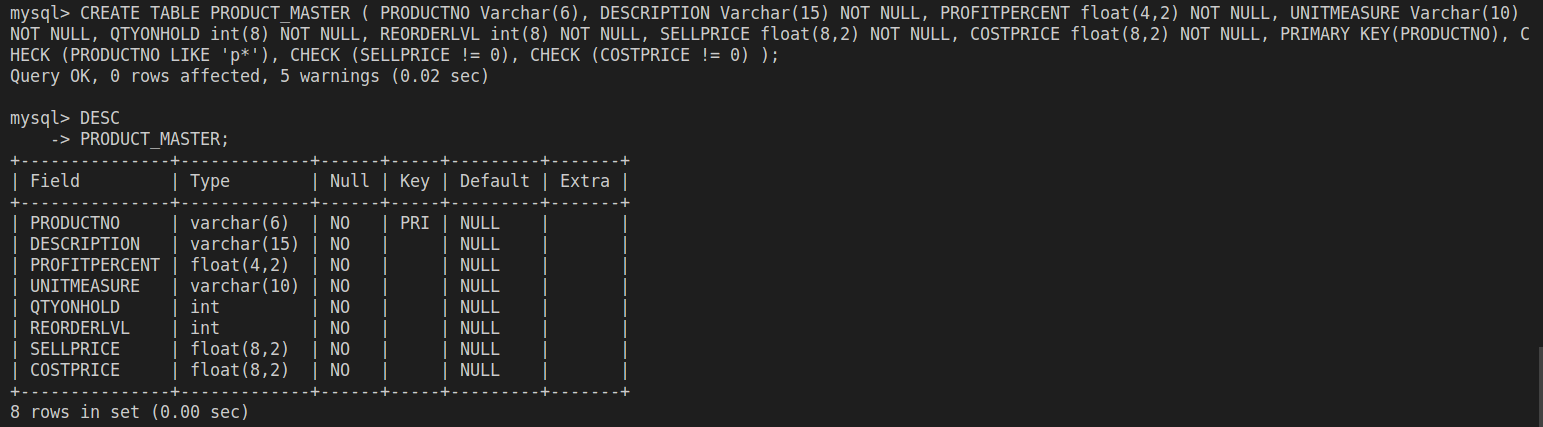
PRIMARY KEY(PRODUCTNO),

CHECK (PRODUCTNO LIKE 'p\*'),

CHECK (SELLPRICE != 0),

CHECK (COSTPRICE != 0)

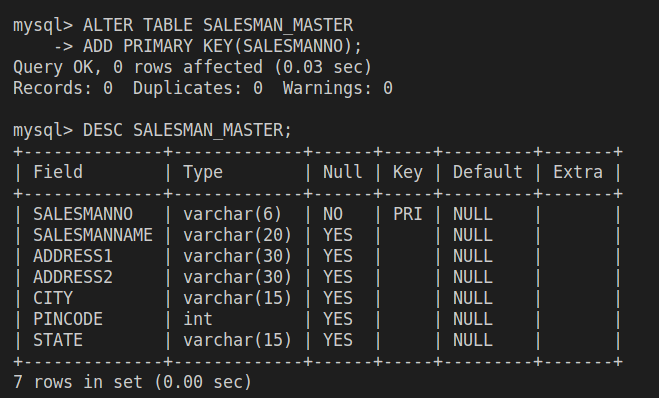
);



ADDING A PRIMARY KEY TO AN EXISTING TABLE:

ALTER TABLE SALESMAN\_MASTER

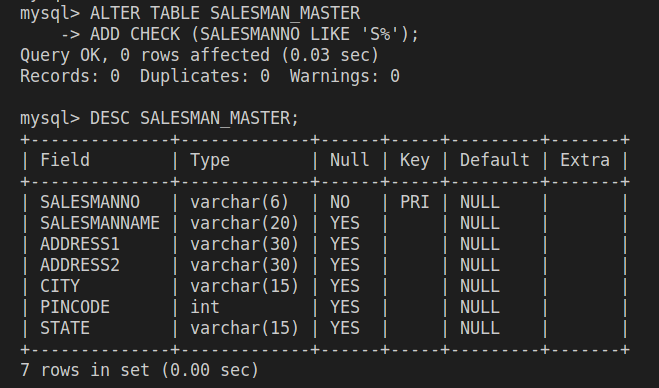
ADD PRIMARY KEY(SALESMANNO);



ADDING A CHECK TO AN ALREADY EXISTING TABLE:

ALTER TABLE SALESMAN\_MASTER

ADD CHECK (SALESMANNO LIKE 'S%');



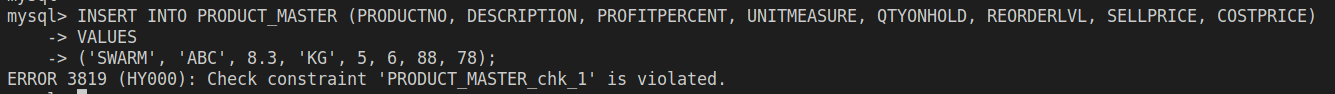
CHECK VIOLATION MESSAGES FOR TABLE ‘PRODUCT\_MASTER’:

//(Name not starting with ‘p’) :

INSERT INTO PRODUCT\_MASTER (PRODUCTNO, DESCRIPTION, PROFITPERCENT, UNITMEASURE, QTYONHOLD, REORDERLVL, SELLPRICE, COSTPRICE)

VALUES

('SWARM', 'ABC', 8.3, 'KG', 5, 6, 88, 78);

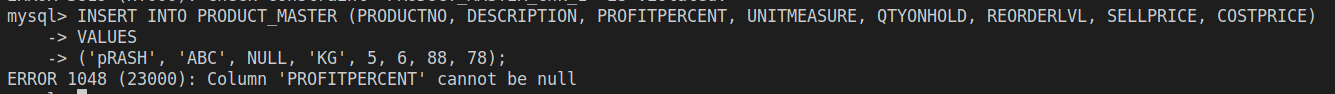


//(PROFITPERCENT AS NULL ENTRY) :

INSERT INTO PRODUCT\_MASTER (PRODUCTNO, DESCRIPTION, PROFITPERCENT, UNITMEASURE, QTYONHOLD, REORDERLVL, SELLPRICE, COSTPRICE)

VALUES

('pRASH', 'ABC', NULL, 'KG', 5, 6, 88, 78);

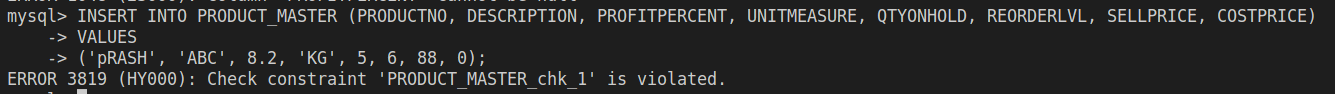


//(COSTPRICE AS 0) :

INSERT INTO PRODUCT\_MASTER (PRODUCTNO, DESCRIPTION, PROFITPERCENT, UNITMEASURE, QTYONHOLD, REORDERLVL, SELLPRICE, COSTPRICE)

VALUES

('pRASH', 'ABC', 8.2, 'KG', 5, 6, 88, 0);



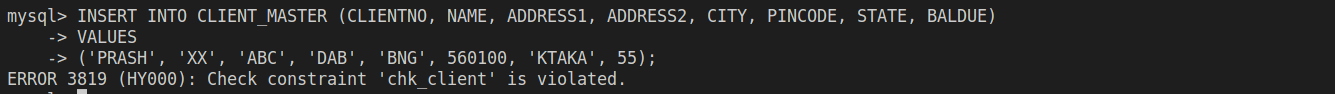
CHECK VIOLATION MESSAGES FOR TABLE ‘CLIENT\_MASTER’:

//(CLIENTNO not starting with ‘C’) :

INSERT INTO CLIENT\_MASTER (CLIENTNO, NAME, ADDRESS1, ADDRESS2, CITY, PINCODE, STATE, BALDUE)

VALUES

('PRASH', 'XX', 'ABC', 'DAB', 'BNG', 560100, 'KTAKA', 55);

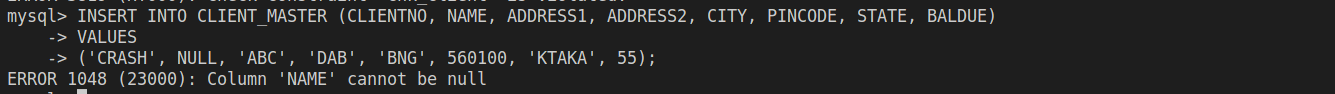


//(NAME AS NULL ENTRY) :

INSERT INTO CLIENT\_MASTER (CLIENTNO, NAME, ADDRESS1, ADDRESS2, CITY, PINCODE, STATE, BALDUE)

VALUES

('CRASH', NULL, 'ABC', 'DAB', 'BNG', 560100, 'KTAKA', 55);



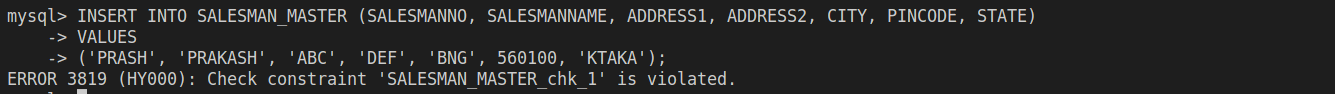
CHECK VIOLATION MESSAGES FOR TABLE ‘CLIENT\_MASTER’:

//(SALESMANNO not starting with ‘S’) :

INSERT INTO SALESMAN\_MASTER (SALESMANNO, SALESMANNAME, ADDRESS1, ADDRESS2, CITY, PINCODE, STATE)

VALUES

('PRASH', 'PRAKASH', 'ABC', 'DEF', 'BNG', 560100, 'KTAKA');



//(SALESMANNAME AS NULL ENTRY) :

INSERT INTO SALESMAN\_MASTER (SALESMANNO, SALESMANNAME, ADDRESS1, ADDRESS2, CITY, PINCODE, STATE)

VALUES

('PRASH', NULL, 'ABC', 'DEF', 'BNG', 560100, 'KTAKA');

