CREATE TABLE ITEM

(

ITEMCODE VARCHAR(10) ,CONSTRAINT ITEM\_PK PRIMARY KEY(ITEMCODE)

, ITEMNAME VARCHAR(200) NOT NULL

, MANUFACTURERNAME VARCHAR(200)

, UNITPRICE INT(10) CHECK(UNITPRICE>0)

, MANUFACTURINGYEAR DATE

, ITEMCATEGORY VARCHAR(20)

);

CREATE TABLE CUSTOMER

(

CUSTOMERID INT, CONSTRAINT CUSTOMER\_PK PRIMARY KEY(CUSTOMERID)

, CUSTOMERNAME VARCHAR(200) NOT NULL

, ADDRESS VARCHAR(300)

, PHONENUMBER VARCHAR(10)

, CUSTOMERMAILID VARCHAR(20)

);

CREATE TABLE ORDERMASTER

(

ORDERID INT, CONSTRAINT ORDERMASTER\_PK PRIMARY KEY(ORDERID)

, ORDERDATE DATE NOT NULL

, TOTALORDERAMOUNT INT(10) CHECK(TOTALORDERAMOUNT>0)

, CUSTOMERID INT, FOREIGN KEY(CUSTOMERID) REFERENCES CUSTOMER(CUSTOMERID)

);

CREATE TABLE ORDERTRANSACTION

(

ORDERID INT ,FOREIGN KEY (ORDERID)REFERENCES ORDERMASTER(ORDERID)

, ITEMCODE VARCHAR(10) ,FOREIGN KEY(ITEMCODE) REFERENCES ITEM(ITEMCODE)

, QTYORDERED INT(2) CHECK(QTYORDERED>0)

, PRIMARY KEY (ORDERID, ITEMCODE)

);