--Shruti's database

DROP TABLE LINE\_ITEMS;

DROP SEQUENCE Lid\_seq;

DROP TABLE ORDERS;

DROP SEQUENCE Oid\_seq;

DROP TABLE SHIPPINGTYPE;

DROP SEQUENCE STid\_seq;

DROP TABLE PRODUCT;

DROP SEQUENCE pid\_seq;

DROP TABLE CUSTOMERS;

DROP SEQUENCE Cid\_seq;

DROP TABLE SALES\_TAX;

DROP SEQUENCE Sid\_seq;

--CREATING TABLES AND SEQUENCES-

CREATE TABLE SALES\_TAX(TAXID INT PRIMARY KEY, STATE\_ VARCHAR2(2),TAXRATE DECIMAL);

CREATE SEQUENCE Sid\_seq

INCREMENT BY 1

START WITH 1;

CREATE TABLE CUSTOMERS(CUSTOMERID INT PRIMARY KEY, CUST\_NAME VARCHAR2(100), ADDRESS VARCHAR2(200), PHONE\_NUMBER INT, EMAIL VARCHAR2(100));

CREATE SEQUENCE Cid\_seq

INCREMENT BY 1

START WITH 1;

CREATE TABLE PRODUCT(PRODUCTID INT PRIMARY KEY, PDT\_NAME VARCHAR2(100),pdt\_creator VARCHAR2(100), PDESCRIPTION VARCHAR2(200), QTY INT, PRICE DECIMAL);

CREATE SEQUENCE pid\_seq

INCREMENT BY 1

START WITH 1;

CREATE TABLE SHIPPINGTYPE(TYPEID INT PRIMARY KEY, SDESCRIPTION VARCHAR2(200), SHIPPING\_PRICE DECIMAL);

CREATE SEQUENCE STid\_seq

INCREMENT BY 1

START WITH 1;

CREATE TABLE ORDERS(ORDERID INT PRIMARY KEY, ORDER\_DATE DATE, CUSTOMER\_ID REFERENCES CUSTOMERS(CUSTOMERID),PRODUCTS\_ORDERED INT,TOTAL\_PRICE DECIMAL, SHIPPING\_TYPE\_ID REFERENCES SHIPPINGTYPE(TYPEID));

CREATE SEQUENCE Oid\_seq

INCREMENT BY 1

START WITH 1;

CREATE TABLE LINE\_ITEMS(ITEMID INT PRIMARY KEY, IDESCRIPTION VARCHAR2(200), QTY INT,PRICE\_PER\_UNIT DECIMAL,PRODUCT\_ID REFERENCES PRODUCT(PRODUCTID), ORDER\_ID REFERENCES ORDERS(ORDERID));

CREATE SEQUENCE Lid\_seq

INCREMENT BY 1

START WITH 1;

--TRIGGER-

--CREATE OR REPLACE TRIGGER CALCULATE\_TOTAL\_PRICE BEFORE INSERT ON ORDERS

--FOR EACH ROW

--ENABLE

--DECLARE

--TAX DECIMAL;

--SHIPPING\_CHARGE DECIMAL;

--CUST\_STATE VARCHAR2(2);

--BEGIN

--SELECT SUBSTR(ADDRESS,-least(length(ADDRESS), 2)) INTO CUST\_STATE FROM CUSTOMERS WHERE CUSTOMERS.CUSTOMERID = :NEW.CUSTOMER\_ID;

--SELECT TAXRATE INTO TAX FROM SALES\_TAX WHERE STATE\_ = CUST\_STATE;

--SELECT SHIPPING\_PRICE INTO SHIPPING\_CHARGE FROM SHIPPINGTYPE WHERE SHIPPINGTYPE.TYPEID = :NEW.SHIPPING\_TYPE\_ID;

--:NEW.TOTAL\_PRICE := :NEW.TOTAL\_PRICE + (TAX\*:NEW.TOTAL\_PRICE) + SHIPPING\_CHARGE;

--END;

--CREATE OR REPLACE TRIGGER UPDATE\_PRODUCT AFTER INSERT ON LINE\_ITEMS

--FOR EACH ROW

--ENABLE

--DECLARE

--BEGIN

--UPDATE PRODUCT SET QTY = QTY-:NEW.QTY WHERE PRODUCTID = :NEW.PRODUCT\_ID;

--END;

INSERT INTO SALES\_TAX(TAXID,STATE\_,TAXRATE) VALUES(SID\_SEQ.NEXTVAL,'AL',4.0);

INSERT INTO SALES\_TAX(TAXID,STATE\_,TAXRATE) VALUES(SID\_SEQ.NEXTVAL,'AK',0.0);

INSERT INTO SALES\_TAX(TAXID,STATE\_,TAXRATE) VALUES(SID\_SEQ.NEXTVAL,'AZ',5.6);

INSERT INTO SALES\_TAX(TAXID,STATE\_,TAXRATE) VALUES(SID\_SEQ.NEXTVAL,'AR',6.5);

INSERT INTO SALES\_TAX(TAXID,STATE\_,TAXRATE) VALUES(SID\_SEQ.NEXTVAL,'CA',7.25);

INSERT INTO SALES\_TAX(TAXID,STATE\_,TAXRATE) VALUES(SID\_SEQ.NEXTVAL,'CO',2.9);

INSERT INTO SALES\_TAX(TAXID,STATE\_,TAXRATE) VALUES(SID\_SEQ.NEXTVAL,'CT',6.35);

INSERT INTO SALES\_TAX(TAXID,STATE\_,TAXRATE) VALUES(SID\_SEQ.NEXTVAL,'DE',0.0);

INSERT INTO SALES\_TAX(TAXID,STATE\_,TAXRATE) VALUES(SID\_SEQ.NEXTVAL,'DC',6.0);

INSERT INTO SALES\_TAX(TAXID,STATE\_,TAXRATE) VALUES(SID\_SEQ.NEXTVAL,'GA',4.0);

INSERT INTO SALES\_TAX(TAXID,STATE\_,TAXRATE) VALUES(SID\_SEQ.NEXTVAL,'HI',4.0);

INSERT INTO SALES\_TAX(TAXID,STATE\_,TAXRATE) VALUES(SID\_SEQ.NEXTVAL,'ID',6.0);

INSERT INTO SALES\_TAX(TAXID,STATE\_,TAXRATE) VALUES(SID\_SEQ.NEXTVAL,'IL',6.25);

INSERT INTO SALES\_TAX(TAXID,STATE\_,TAXRATE) VALUES(SID\_SEQ.NEXTVAL,'IN',7.0);

INSERT INTO SALES\_TAX(TAXID,STATE\_,TAXRATE) VALUES(SID\_SEQ.NEXTVAL,'IA',6.0);

INSERT INTO SALES\_TAX(TAXID,STATE\_,TAXRATE) VALUES(SID\_SEQ.NEXTVAL,'KS',6.5);

INSERT INTO SALES\_TAX(TAXID,STATE\_,TAXRATE) VALUES(SID\_SEQ.NEXTVAL,'KY',6.0);

INSERT INTO SALES\_TAX(TAXID,STATE\_,TAXRATE) VALUES(SID\_SEQ.NEXTVAL,'LA',4.45);

INSERT INTO SALES\_TAX(TAXID,STATE\_,TAXRATE) VALUES(SID\_SEQ.NEXTVAL,'ME',5.5);

INSERT INTO SALES\_TAX(TAXID,STATE\_,TAXRATE) VALUES(SID\_SEQ.NEXTVAL,'MD',6.0);

INSERT INTO SALES\_TAX(TAXID,STATE\_,TAXRATE) VALUES(SID\_SEQ.NEXTVAL,'MA',6.25);

INSERT INTO SALES\_TAX(TAXID,STATE\_,TAXRATE) VALUES(SID\_SEQ.NEXTVAL,'MI',6.0);

INSERT INTO SALES\_TAX(TAXID,STATE\_,TAXRATE) VALUES(SID\_SEQ.NEXTVAL,'MN',6.87);

--Customers table

INSERT INTO CUSTOMERS(CUSTOMERID, CUST\_NAME, ADDRESS, PHONE\_NUMBER, EMAIL) VALUES(Cid\_SEQ.NEXTVAL,'John','111 THIS CITY AL',3333331111,'john@gmail.com');

INSERT INTO CUSTOMERS(CUSTOMERID, CUST\_NAME, ADDRESS, PHONE\_NUMBER, EMAIL) VALUES(Cid\_SEQ.NEXTVAL,'Chris','222 THIS CITY AK',3333332222,'chris@GMAIL.COM');

INSERT INTO CUSTOMERS(CUSTOMERID, CUST\_NAME, ADDRESS, PHONE\_NUMBER, EMAIL) VALUES(Cid\_SEQ.NEXTVAL,'Raghu','333 THIS CITY AR',3333333333,'raghu@GMAIL.COM');

INSERT INTO CUSTOMERS(CUSTOMERID, CUST\_NAME, ADDRESS, PHONE\_NUMBER, EMAIL) VALUES(Cid\_SEQ.NEXTVAL,'Simran','444 THIS CITY MI',3333334444,'simran@GMAIL.COM');

INSERT INTO CUSTOMERS(CUSTOMERID, CUST\_NAME, ADDRESS, PHONE\_NUMBER, EMAIL) VALUES(Cid\_SEQ.NEXTVAL,'Geet','555 THIS CITY MN',3333335555,'geet@GMAIL.COM');

INSERT INTO CUSTOMERS(CUSTOMERID, CUST\_NAME, ADDRESS, PHONE\_NUMBER, EMAIL) VALUES(Cid\_SEQ.NEXTVAL,'Shahid','666 THIS CITY IL',3333336666,'shahid@GMAIL.COM');

INSERT INTO CUSTOMERS(CUSTOMERID, CUST\_NAME, ADDRESS, PHONE\_NUMBER, EMAIL) VALUES(Cid\_SEQ.NEXTVAL,'Ranbir','777 THIS CITY IN',3333337777,'ranbir@GMAIL.COM');

INSERT INTO CUSTOMERS(CUSTOMERID, CUST\_NAME, ADDRESS, PHONE\_NUMBER, EMAIL) VALUES(Cid\_SEQ.NEXTVAL,'Hrithik','888 THIS CITY HI',3333338888,'hrithik@GMAIL.COM');

INSERT INTO CUSTOMERS(CUSTOMERID, CUST\_NAME, ADDRESS, PHONE\_NUMBER, EMAIL) VALUES(Cid\_SEQ.NEXTVAL,'John','999 THIS CITY CA',3333339999,'john@GMAIL.COM');

INSERT INTO CUSTOMERS(CUSTOMERID, CUST\_NAME, ADDRESS, PHONE\_NUMBER, EMAIL) VALUES(Cid\_SEQ.NEXTVAL,'Raj','101010 THIS CITY CO',3333331010,'raj@GMAIL.COM');

INSERT INTO CUSTOMERS(CUSTOMERID, CUST\_NAME, ADDRESS, PHONE\_NUMBER, EMAIL) VALUES(Cid\_SEQ.NEXTVAL,'kaushik','100 howland sq',3214567890,'kaushik@gmail.com');

INSERT INTO CUSTOMERS(CUSTOMERID, CUST\_NAME, ADDRESS, PHONE\_NUMBER, EMAIL) VALUES(Cid\_SEQ.NEXTVAL,'sushrut','Hilltop Circle',6541230987,'sushrut@gmail.com');

--PRODUCT TABLE-

INSERT INTO PRODUCT(PRODUCTID,PDT\_NAME,pdt\_creator,PDESCRIPTION,QTY,PRICE) VALUES(PID\_SEQ.NEXTVAL,'TABLE','patio.com','FURNITURE',100,250.25);

INSERT INTO PRODUCT(PRODUCTID ,PDT\_NAME,pdt\_creator,PDESCRIPTION,QTY,PRICE) VALUES(PID\_SEQ.NEXTVAL,'CHAIR','wayfair','FURNITURE',100,150.25);

INSERT INTO PRODUCT(PRODUCTID ,PDT\_NAME,pdt\_creator,PDESCRIPTION,QTY,PRICE) VALUES(PID\_SEQ.NEXTVAL,'HEADBOARD','wayfair','FURNITURE',100,350.25);

INSERT INTO PRODUCT(PRODUCTID ,PDT\_NAME,pdt\_creator,PDESCRIPTION,QTY,PRICE) VALUES(PID\_SEQ.NEXTVAL,'TELEVISION','sony','ELECTRONICS',100,400);

INSERT INTO PRODUCT(PRODUCTID ,PDT\_NAME,pdt\_creator,PDESCRIPTION,QTY,PRICE) VALUES(PID\_SEQ.NEXTVAL,'STAND MIXER','philips','ELECTRONICS',100,350);

INSERT INTO PRODUCT(PRODUCTID ,PDT\_NAME,pdt\_creator,PDESCRIPTION,QTY,PRICE) VALUES(PID\_SEQ.NEXTVAL,'JACKET','gap','CLOTHING',100,100);

INSERT INTO PRODUCT(PRODUCTID ,PDT\_NAME,pdt\_creator,PDESCRIPTION,QTY,PRICE) VALUES(PID\_SEQ.NEXTVAL,'SCARF','puma','CLOTHING',100,75);

INSERT INTO PRODUCT(PRODUCTID ,PDT\_NAME,pdt\_creator,PDESCRIPTION,QTY,PRICE) VALUES(PID\_SEQ.NEXTVAL,'CUSHION','west','DECOR',100,50);

INSERT INTO PRODUCT(PRODUCTID ,PDT\_NAME,pdt\_creator,PDESCRIPTION,QTY,PRICE) VALUES(PID\_SEQ.NEXTVAL,'LAMP','west','DECOR',100,200);

INSERT INTO PRODUCT(PRODUCTID ,PDT\_NAME,pdt\_creator,PDESCRIPTION,QTY,PRICE) VALUES(PID\_SEQ.NEXTVAL,'PRINTER','lg','ELECTRONICS',100,500);

--SHIPPING TYPE TABLE-

INSERT INTO SHIPPINGTYPE(TYPEID,SDESCRIPTION,SHIPPING\_PRICE) VALUES(STID\_SEQ.NEXTVAL,'REGULAR',15);

INSERT INTO SHIPPINGTYPE(TYPEID,SDESCRIPTION,SHIPPING\_PRICE) VALUES(STID\_SEQ.NEXTVAL,'EXPEDITED',55);

--ORDERS TABLE-

INSERT INTO ORDERS(ORDERID, ORDER\_DATE, CUSTOMER\_ID,PRODUCTS\_ORDERED,TOTAL\_PRICE, SHIPPING\_TYPE\_ID) VALUES(Oid\_seq.NEXTVAL,TO\_DATE('10-12-2019','MM-DD-YYYY'),1,3,150,1);

INSERT INTO ORDERS(ORDERID, ORDER\_DATE, CUSTOMER\_ID,PRODUCTS\_ORDERED,TOTAL\_PRICE, SHIPPING\_TYPE\_ID) VALUES(Oid\_seq.NEXTVAL,TO\_DATE('10-11-2019','MM-DD-YYYY'),2,2,150,2);

INSERT INTO ORDERS(ORDERID, ORDER\_DATE, CUSTOMER\_ID,PRODUCTS\_ORDERED,TOTAL\_PRICE, SHIPPING\_TYPE\_ID) VALUES(Oid\_seq.NEXTVAL,TO\_DATE('10-10-2019','MM-DD-YYYY'),1,1,200,1);

INSERT INTO ORDERS(ORDERID, ORDER\_DATE, CUSTOMER\_ID,PRODUCTS\_ORDERED,TOTAL\_PRICE, SHIPPING\_TYPE\_ID) VALUES(Oid\_seq.NEXTVAL,TO\_DATE('10-9-2019','MM-DD-YYYY'),5,2,350,2);

INSERT INTO ORDERS(ORDERID, ORDER\_DATE, CUSTOMER\_ID,PRODUCTS\_ORDERED,TOTAL\_PRICE, SHIPPING\_TYPE\_ID) VALUES(Oid\_seq.NEXTVAL,TO\_DATE('10-11-2019','MM-DD-YYYY'),1,3,1000,1);

INSERT INTO ORDERS(ORDERID, ORDER\_DATE, CUSTOMER\_ID,PRODUCTS\_ORDERED,TOTAL\_PRICE, SHIPPING\_TYPE\_ID) VALUES(Oid\_seq.NEXTVAL,TO\_DATE('10-10-2019','MM-DD-YYYY'),7,1,450,1);

INSERT INTO ORDERS(ORDERID, ORDER\_DATE, CUSTOMER\_ID,PRODUCTS\_ORDERED,TOTAL\_PRICE, SHIPPING\_TYPE\_ID) VALUES(Oid\_seq.NEXTVAL,TO\_DATE('10-9-2019','MM-DD-YYYY'),4,2,750,2);

INSERT INTO ORDERS(ORDERID, ORDER\_DATE, CUSTOMER\_ID,PRODUCTS\_ORDERED,TOTAL\_PRICE, SHIPPING\_TYPE\_ID) VALUES(Oid\_seq.NEXTVAL,TO\_DATE('10-12-2019','MM-DD-YYYY'),2,3,150,1);

INSERT INTO ORDERS(ORDERID, ORDER\_DATE, CUSTOMER\_ID,PRODUCTS\_ORDERED,TOTAL\_PRICE, SHIPPING\_TYPE\_ID) VALUES(Oid\_seq.NEXTVAL,TO\_DATE('10-11-2019','MM-DD-YYYY'),12,1,250,1);

INSERT INTO ORDERS(ORDERID, ORDER\_DATE, CUSTOMER\_ID,PRODUCTS\_ORDERED,TOTAL\_PRICE, SHIPPING\_TYPE\_ID) VALUES(Oid\_seq.NEXTVAL,TO\_DATE('10-10-2019','MM-DD-YYYY'),11,2,1000,1);

--LINE ITEMS TABLE-

INSERT INTO LINE\_ITEMS(ITEMID, IDESCRIPTION, QTY,PRICE\_PER\_UNIT,PRODUCT\_ID, ORDER\_ID) VALUES(LID\_SEQ.NEXTVAL,'TABLE',1,250,1,1);

INSERT INTO LINE\_ITEMS(ITEMID, IDESCRIPTION, QTY,PRICE\_PER\_UNIT,PRODUCT\_ID, ORDER\_ID) VALUES(LID\_SEQ.NEXTVAL,'CHAIR',1,150,2,1);

INSERT INTO LINE\_ITEMS(ITEMID, IDESCRIPTION, QTY,PRICE\_PER\_UNIT,PRODUCT\_ID, ORDER\_ID) VALUES(LID\_SEQ.NEXTVAL,'TELEVISION',1,400,4,1);

INSERT INTO LINE\_ITEMS(ITEMID, IDESCRIPTION, QTY,PRICE\_PER\_UNIT,PRODUCT\_ID, ORDER\_ID) VALUES(LID\_SEQ.NEXTVAL,'TABLE',1,250,1,2);

INSERT INTO LINE\_ITEMS(ITEMID, IDESCRIPTION, QTY,PRICE\_PER\_UNIT,PRODUCT\_ID, ORDER\_ID) VALUES(LID\_SEQ.NEXTVAL,'CHAIR',1,150,2,2);

INSERT INTO LINE\_ITEMS(ITEMID, IDESCRIPTION, QTY,PRICE\_PER\_UNIT,PRODUCT\_ID, ORDER\_ID) VALUES(LID\_SEQ.NEXTVAL,'TABLE',1,250,1,3);

INSERT INTO LINE\_ITEMS(ITEMID, IDESCRIPTION, QTY,PRICE\_PER\_UNIT,PRODUCT\_ID, ORDER\_ID) VALUES(LID\_SEQ.NEXTVAL,'TABLE',1,250,1,4);

INSERT INTO LINE\_ITEMS(ITEMID, IDESCRIPTION, QTY,PRICE\_PER\_UNIT,PRODUCT\_ID, ORDER\_ID) VALUES(LID\_SEQ.NEXTVAL,'CHAIR',1,150,2,4);

INSERT INTO LINE\_ITEMS(ITEMID, IDESCRIPTION, QTY,PRICE\_PER\_UNIT,PRODUCT\_ID, ORDER\_ID) VALUES(LID\_SEQ.NEXTVAL,'TABLE',1,250,1,10);

INSERT INTO LINE\_ITEMS(ITEMID, IDESCRIPTION, QTY,PRICE\_PER\_UNIT,PRODUCT\_ID, ORDER\_ID) VALUES(LID\_SEQ.NEXTVAL,'CHAIR',1,150,2,9);

INSERT INTO LINE\_ITEMS(ITEMID, IDESCRIPTION, QTY,PRICE\_PER\_UNIT,PRODUCT\_ID, ORDER\_ID) VALUES(LID\_SEQ.NEXTVAL,'TELEVISION',1,400,4,5);

--Kaushik's Database

drop table order\_details1 CASCADE CONSTRAINTS;

drop table order\_product1 CASCADE CONSTRAINTS;

drop table customers1 CASCADE CONSTRAINTS;

drop table line\_items1 CASCADE CONSTRAINTS;

drop table products1 CASCADE CONSTRAINTS;

drop table payment\_details1 CASCADE CONSTRAINTS;

create table customers1(

customer\_id int not null,

customer\_name varchar2(20) not null,

customer\_email varchar2(20) not null,

customer\_phone number(12) not null,

address varchar(100) not null,

Constraint customer\_pk primary key (customer\_id)

);

create table line\_items1(

item\_no int not null,

item\_desc varchar2(100),

quantity\_ordered int not null,

price\_per\_unit float not null,

Constraint item\_pk\_1 primary key (item\_no));

create table products1(

product\_id int not null,

product\_name varchar2(100) not null,

product\_creator varchar2(100),

product\_type varchar2(20),

product\_price float not null,

supplier\_id int not null,

product\_desc varchar2(50) not null,

qty int,

Constraint product\_pk primary key (product\_id)

);

create table order\_product1(

order\_id int not null,

order\_date date not null,

mode\_of\_payment varchar2(10) not null,

total\_price float not null,

customer\_id int not null,

product\_quantity int not null,

Constraint order\_pk primary key (order\_id),

Constraint customer\_id\_fk foreign key(customer\_id) references customers1(customer\_id));

create table order\_details1(

order\_id int not null,

product\_id int not null,

Constraint order\_id\_fk foreign key (order\_id) references order\_product1(order\_id),

Constraint product\_id\_fk foreign key (product\_id) references products1(product\_id));

create table payment\_details1(

credit\_card\_number int not null,

customer\_id int not null,

expiry\_date varchar2(6) not null,

cvc int not null,

Constraint payment\_pk foreign key(customer\_id) references customers1(customer\_id)

);

insert into customers1 values(1,'kaushik','kaushik@gmail.com',3214567890,'100 howland sq');

insert into customers1 values(2,'sushrut','sushrut@gmail.com',6541230987,'Hilltop Circle');

insert into customers1 values(3,'swapnil','swapnil@gmail.com',9874563210,'312 maria connect');

insert into customers1 values(4,'kajal','kajal@gmail.com',0321456987,'987 smith st');

insert into customers1 values(5,'umanng','umanng@gmail.com',4521369870,'101 howland sq');

insert into customers1 values(6,'suraj','suraj@gmail.com',1237890541, '456 john drive');

insert into customers1 values(7,'john','john@gmail.com',4569871230,'101 howland sq');

insert into customers1 values(8,'doe','doe@gmail.com',6547893210,'456 john drive');

insert into customers1 values(9,'tim','tim@gmail.com',3698521470,'412 green st');

insert into customers1 values(10,'raj','raj@gmail.com',3333331010,'101010 this city co');

insert into payment\_details1 values('4564321378976544',1,'10/22',654);

insert into payment\_details1 values('4569874832112589',2,'08/22',789);

insert into payment\_details1 values('4568821878976544',3,'07/23',369);

insert into payment\_details1 values('6569874832112589',4,'06/23',147);

insert into payment\_details1 values('6569874832118989',5,'04/20',874);

insert into payment\_details1 values('4564321378976321',6,'10/22',654);

insert into payment\_details1 values('4569874832112451',7,'08/22',012);

insert into payment\_details1 values('4568821878976563',8,'07/23',987);

insert into payment\_details1 values('6598574832112589',9,'06/23',320);

insert into payment\_details1 values('6569874836548989',10,'04/20',963);

insert into line\_items1 values(1,'chair',10,160);

insert into line\_items1 values(2,'table',15,240);

insert into line\_items1 values(3,'hair dryer',5,30);

insert into line\_items1 values(4,'plate',10,30);

insert into line\_items1 values(5,'banana',105,0.59);

insert into line\_items1 values(6,'cups',55,5);

insert into line\_items1 values(7,'apple',100,2);

insert into line\_items1 values(8,'laptop',5,500);

insert into line\_items1 values(9,'TELEVISION',5,500);

insert into line\_items1 values(10,'bag',15,100);

insert into products1 values(1,'chair','wayfair','furniture',160,100,'Take it anywhere chair',2);

insert into products1 values(2,'table','patio.com','furniture',240,100,'Hard and sturdy foldable table',1);

insert into products1 values(3,'hair dryer','dhomes','accessories',30,101,'Great Quality Hair Dryer',2);

insert into products1 values(4,'plate','neelam','home kitchen',30,102,'Great Quality plates',10);

insert into products1 values(5,'banana','chiquita','food',0.59,100,'Delicious banana',5);

insert into products1 values(6,'cups','chiquita','home kitchen',5,102,'delicious cup',4);

insert into products1 values(7,'apple','kash','food',2,100,'delicious food',3);

insert into products1 values(8,'laptop','dell','electronics',500,103,'Gaming Laptop',1);

insert into products1 values(9,'TELEVISION','lg','electronics',500,103,'4k screen',1);

insert into products1 values(10,'bag','sky bags','luggage',100,104,'leather bag',1);

insert into order\_product1 values(200,date'10-10-19','cod',39,1,3);

insert into order\_product1 values(201,date'10-01-19','card',30,2,1);

insert into order\_product1 values(202,date'10-05-19','cod',5.59,3,2);

insert into order\_product1 values(203,date'10-10-19','card',10,4,1);

insert into order\_product1 values(204,date'10-01-19','cod',9,5,2);

insert into order\_product1 values(205,date'10-01-19','card',500,6,1);

insert into order\_product1 values(206,date'10-08-19','cod',500,7,1);

insert into order\_product1 values(207,date'10-10-19','card',30,8,1);

insert into order\_product1 values(208,date'10-2-19','cod',30,9,1);

insert into order\_product1 values(209,date'09-01-19','card',30,10,1);

insert into order\_details1 values(200,1);

insert into order\_details1 values(200,2);

insert into order\_details1 values(200,3);

insert into order\_details1 values(201,3);

insert into order\_details1 values(202,5);

insert into order\_details1 values(202,6);

insert into order\_details1 values(203,10);

insert into order\_details1 values(204,1);

insert into order\_details1 values(204,2);

insert into order\_details1 values(205,10);

insert into order\_details1 values(206,10);

insert into order\_details1 values(207,4);

insert into order\_details1 values(208,3);

--Sushrut's database

drop table purchases1;

drop table product1;

drop table customer1;

create table product1

(

product\_id VARCHAR(20) NOT NULL,

product\_name VARCHAR(20) NOT NULL,

title VARCHAR(20) NOT NULL,

author\_artist VARCHAR(20) NOT NULL,

price NUMBER NOT NULL,

product\_type VARCHAR(20) NOT NULL,

distributor VARCHAR(20) NOT NULL,

descrip VARCHAR(50) NOT NULL,

qty NUMBER NOT NULL,

PRIMARY KEY (product\_id)

);

create table customer1

(

cust\_id VARCHAR(20) NOT NULL,

cust\_name VARCHAR(20) NOT NULL,

address VARCHAR(20) NOT NULL,

phone NUMBER NOT NULL,

PRIMARY KEY (cust\_id)

);

create table purchases1

(

purch\_id VARCHAR(20) NOT NULL,

product\_sold VARCHAR(20) NOT NULL,

qty NUMBER NOT NULL,

price NUMBER NOT NULL,

cust\_id VARCHAR(20) NOT NULL,

product\_id VARCHAR(20) NOT NULL,

PRIMARY KEY (purch\_id),

FOREIGN KEY(cust\_id) REFERENCES customer1(cust\_id),

FOREIGN KEY(product\_id) REFERENCES product1(product\_id)

);

insert into product1 values('B101','Book','Angels and Demons','Dan Brown',50,'Fiction','Penguin Books','Thrilling Novel', 10);

insert into product1 values('B102','Book','Da Vinci Code','Dan Brown',55,'Fiction','Penguin Books','Thrilling Novel', 3);

insert into product1 values('M101','Music CD','Encore','Linkin Park',25,'Rock','Sony Records','Modern Rock', 23);

insert into product1 values('M102','Music CD','Ascend','Illenium',20,'Electronic','Red One','Dance party remixes', 0);

insert into product1 values('M103','Music CD','Cosas del Amor','Enrique Iglesius',25,'Pop','Red One','Pop songs', 50);

insert into product1 values('F101','Table','Dining Table','patio.com',100,'Furniture','patio.com','High quality furniture', 500);

insert into product1 values('F102','Chair','Revolving Chair','wayfair',80,'Furniture','wayfair','High quality furniture', 2000);

insert into product1 values('F103','Headboard','Headboard for bed','wayfair',50,'Furniture','wayfair','High quality furniture', 500);

insert into customer1 values('C1','Sushrut','Hilltop Circle',7965464);

insert into customer1 values('C2','Henry','Tysons Circle',98765441);

insert into customer1 values('C3','Robert','Arlington',6549875);

insert into customer1 values('C4','Sasha','Plano',65748946);

insert into customer1 values('C5','Kaushik','100 howland sq',785416);

insert into customer1 values('C6','Raghu','333 THIS CITY AR',3333333333);

insert into customer1 values('C7','Simran','444 THIS CITY MI',3333334444);

insert into customer1 values('C8','John','111 THIS CITY AL',3333331111);

insert into purchases1 values('P1','Book',2,110,'C1','B102');

insert into purchases1 values('P2','Music CD',5,125,'C2','M101');

insert into purchases1 values('P3','Music CD',5,125,'C2','M103');

insert into purchases1 values('P4','Music CD',6,175,'C4','M103');

insert into purchases1 values('P5','Music CD',5,125,'C5','M103');

insert into purchases1 values('P6','Book',5,250,'C6','B101');

insert into purchases1 values('P7','Book',5,250,'C4','B101');

insert into purchases1 values('P8','Table',10,50,'C1','F101');

insert into purchases1 values('P9','Headboard',10,25,'C5','F103');

drop table output\_table;

create table output\_table(clmn1 varchar2(200));

drop table sql\_keyword;

create table sql\_keyword(keyword varchar(20));

insert into sql\_keyword values('select');

insert into sql\_keyword values('from');

insert into sql\_keyword values('table');

insert into sql\_keyword values('where');

insert into sql\_keyword values('group');

insert into sql\_keyword values('by');

insert into sql\_keyword values('order');

insert into sql\_keyword values('desc');

insert into sql\_keyword values('asc');

insert into sql\_keyword values('\*');

insert into sql\_keyword values('top');

insert into sql\_keyword values('limit');

insert into sql\_keyword values('having');

drop table user\_query\_keyword;

create table user\_query\_keyword(keyword varchar2(50));