CREATE DATABASE CUSTOMERSALES3;

USE CUSTOMERSALES3;

CREATE TABLE SALESMAN(

Sid VARCHAR(10),

Sname VARCHAR(20) NOT NULL,

City VARCHAR(20) NOT NULL,

Commission VARCHAR(20) NOT NULL,

PRIMARY KEY(Sid)

);

INSERT INTO SALESMAN VALUES(211, 'ANJITHA', 'KOLLAM','5');

INSERT INTO SALESMAN VALUES(212, 'AMRITHA', 'MALAPPURAM','12');

INSERT INTO SALESMAN VALUES(213, 'ANASWARA', 'KOLLAM','15');

INSERT INTO SALESMAN VALUES(214, 'ARCHANA', 'KOTTAYAM','8');

SELECT \* FROM SALESMAN;

CREATE TABLE CUSTOMER2(

Cid VARCHAR(10) ,

Cname VARCHAR(20),

City VARCHAR(20),

Grade VARCHAR(20),

Sid VARCHAR(10),

PRIMARY KEY(Cid),

FOREIGN KEY(Sid)REFERENCES SALESMAN(Sid) ON DELETE CASCADE);

INSERT INTO CUSTOMER2 VALUES(311, 'ANJU', 'Changanasseri',100,211);

INSERT INTO CUSTOMER2 VALUES(312, 'Dwany', 'Banglore',90,212);

INSERT INTO CUSTOMER2 VALUES(313, 'Manjari', 'Kasargodu',80,213);

INSERT INTO CUSTOMER2 VALUES(314, 'Manju', 'Mangalapuram',100,214);

SELECT \* FROM CUSTOMER2;

CREATE TABLE ORDERS (

Ord\_No VARCHAR(10) ,

Purchase\_Amt INT NOT NULL,

Ord\_Date DATE NOT NULL,

Cid VARCHAR(10),

PRIMARY KEY(Ord\_No),

FOREIGN KEY(Cid)REFERENCES CUSTOMER2(Cid) ON DELETE CASCADE,

Sid VARCHAR(10),

FOREIGN KEY(Sid)REFERENCES SALESMAN(Sid) ON DELETE CASCADE) ;

INSERT INTO ORDERS VALUES(001, 250, '2022-03-19',314,214);

INSERT INTO ORDERS VALUES(002, 350, '2022-02-09',313,213);

INSERT INTO ORDERS VALUES(003, 550, '2022-03-29',312,212);

INSERT INTO ORDERS VALUES(004, 150, '2022-03-15',311,211);

SELECT \* FROM ORDERS;

SELECT GRADE,COUNT(\*) FROM CUSTOMER2 GROUP BY GRADE HAVING GRADE>(SELECT AVG(GRADE) FROM CUSTOMER2);

SELECT Sid,Sname

FROM SALESMAN AS a

WHERE 1<

(SELECT COUNT(\*)

FROM CUSTOMER2 AS c

WHERE c.Sid=a.Sid);

SELECT SALESMAN.Sid,Sname,Cname,Commission

FROM SALESMAN,CUSTOMER2

WHERE SALESMAN.City=CUSTOMER2.City

UNION

(SELECT Sid,Sname,'NO MATCH',Commission

FROM SALESMAN

WHERE NOT City=ANY

(SELECT City FROM CUSTOMER2))

ORDER BY 2 DESC;

CREATE VIEW SALES

AS SELECT b.Ord\_Date,a.Sid

FROM SALESMAN a,ORDERS b

WHERE a.Sid=b.Sid

AND b.Purchase\_Amt=

(SELECT MAX(Purchase\_Amt)

FROM ORDERS c

WHERE c.Ord\_Date=b.Ord\_Date);

SELECT \* FROM SALES;

INSERT INTO SALESMAN VALUES(1000,"ANJU","PUNJAB",'5');

SELECT \* FROM SALESMAN;

DELETE FROM SALESMAN WHERE Sid='1000';

SELECT \* FROM SALESMAN;