**CREATE TABLE SALESMAN(SALESMAN\_ID INT(5) PRIMARY KEY, NAME VARCHAR(10) NOT NULL,CITY VARCHAR(15) NOT NULL, COMMISSION INT(5));**

**CREATE TABLE CUSTOMER(CUSTOMER\_ID INT(5) PRIMARY KEY, CUST\_NAME VARCHAR(10) NOT NULL, CITY VARCHAR(10) NOT NULL,GRADE INT (5) NOT NULL,SALESMAN\_ID INT(5)REFERENCES SALESMAN(SALESMAN\_ID) ON DELETE SET NULL);**

**CREATE TABLE ORDERS(ORD\_NO INT (5) PRIMARY KEY, PURCHASE\_AMT INT NOT NULL, ORD\_DATE DATE NOT NULL,CUSTOMER\_ID INT (5) REFERENCES CUSTOMER(CUSTOMER\_ID),SALESMAN\_ID INT (5) REFERENCES SALESMAN(SALESMAN\_ID) ON DELETE CASCADE);**

**Values for tables**

**INSERT INTO SALESMAN VALUES(1000,'RAJ','BENGALURU',50);**

**INSERT INTO SALESMAN VALUES(2000,'ASHWIN','TUMKUR',30);**

**INSERT INTO SALESMAN VALUES(3000,'BINDU','MUMBAI',40);**

**INSERT INTO SALESMAN VALUES(4000,'LAVANYA','BENGALURU',40);**

**INSERT INTO SALESMAN VALUES(5000,'ROHIT','MYSORE',60);**

**INSERT INTO CUSTOMER VALUES(11,'INFOSYS','BENGALURU',5,1000);**

**INSERT INTO CUSTOMER VALUES(22,'TCS','BENGALURU',4,2000);**

**INSERT INTO CUSTOMER VALUES(33,'WIPRO','MYSORE',7,1000);**

**INSERT INTO CUSTOMER VALUES(44,'TCS','MYSORE',6,2000);**

**INSERT INTO CUSTOMER VALUES(55,'ORACLE','TUMKUR',3,3000);**

**INSERT INTO ORDERS VALUES(1,200000,'2016-04-12',11, 1000);**

**INSERT INTO ORDERS VALUES(2,300000,'2016-04-12',11, 2000);**

**INSERT INTO ORDERS VALUES(3,400000,'2017-04-15',22, 1000);**

**1)**

**SELECT COUNT(CUSTOMER\_ID) FROM CUSTOMER WHERE GRADE>(SELECT AVG(GRADE)FROM CUSTOMER WHERE CITY='BENGALURU');**

**2.)**

**SELECT NAME, COUNT(CUSTOMER\_ID) FROM SALESMAN S, CUSTOMER C WHERE S.SALESMAN\_ID=C.SALESMAN\_ID GROUP BY NAME HAVING COUNT(CUSTOMER\_ID)>1;**

**3.)**

**(SELECT NAME FROM SALESMAN S, CUSTOMER C WHERE S.SALESMAN\_ID=C.SALESMAN\_ID AND S.CITY=C.CITY) UNION (SELECT NAME FROM SALESMAN WHERE SALESMAN\_ID NOT IN(SELECT S1.SALESMAN\_ID FROM SALESMAN S1, CUSTOMER C1 WHERE S1.SALESMAN\_ID=C1.SALESMAN\_ID AND S1.CITY=C1.CITY));**

**4.)**

**CREATE VIEW SALES\_HIGHERODER AS SELECT SALESMAN\_ID, PURCHASE\_AMT FROM ORDERS WHERE PURCHASE\_AMT=(SELECT MAX(O.PURCHASE\_AMT) FROM ORDERS O WHERE O.ORD\_DATE='2016-04-12');**

**SELECT \* FROM SALES\_HIGHERODER;**

**5.)**

**DELETE FROM SALESMAN WHERE SALESMAN\_ID = 1000;**