/\*1) Write a query that returns a table the columns of which shows the following information for each manufacturer

 manufacturer’s ID

 the numbers of different customers who ordered its product

 the total amount of orders given for its all products. \*/

SELECT MAN AS MAN\_ID, COUNT(DISTINCT COMP\_NAME) AS #OFCUSTOMERS,SUM(QUANT) AS SUMOFQUANT

FROM CUSTOMERS JOIN ORDERS ON CUST\_ID = CUST\_NUM

GROUP BY MAN

/\*2) Solve the previous question but this time print the same information for only the manufacturers who sold products to at least two different customers in 2008.\*/

SELECT MAN AS MAN\_ID, COUNT(DISTINCT COMP\_NAME) AS #OFCUSTOMERS,SUM(QUANT) AS SUMOFQUANT

FROM CUSTOMERS JOIN ORDERS ON CUST\_ID = CUST\_NUM

WHERE YEAR(ORDER\_DATE)=2008

GROUP BY MAN

HAVING COUNT(DISTINCT COMP\_NAME)>=2

/\*Write a query that lists the following information for the customers who ordered a reducer: all

information of the customer and the total amount of the orders made for the reducer.\*/

SELECT CUSTOMERS.\* ,SUM(QUANT) AS TOTAL\_QUANT

FROM CUSTOMERS JOIN ORDERS ON CUST\_ID=CUST\_NUM JOIN PRODUCTS ON PROD=PROD\_ID

WHERE MAN=MAN\_ID AND TYPE='reducer'

GROUP BY CUST\_ID,COMP\_NAME,CST\_REP,MAX\_CREDIT

/\*4)Consider the orders made by a customer which are taken by the by sales representative assigned to it. For each customer, list its ID number together with the total amount and total quantity of such orders.\*/

SELECT CUST\_ID,COUNT(CUST\_ID) AS AMOUNT ,SUM(QUANT) AS QUANT

FROM CUSTOMERS JOIN ORDERS ON CUST\_ID=CUST\_NUM

WHERE REP\_NUM IS NOT NULL

GROUP BY CUST\_ID

/\*5)Write a query that lists types and prices of products which are ordered by at least two different customers whose credit limit is more than 16000.\*/

SELECT TYPE,PRICE

FROM CUSTOMERS JOIN ORDERS ON CUST\_ID=CUST\_NUM JOIN PRODUCTS ON PROD=PROD\_ID

WHERE MAN=MAN\_ID AND MAX\_CREDIT > 16000

GROUP BY TYPE,PRICE

HAVING COUNT(\*)>=2

/\*6)Consider the employees whose sales is more than 200,000. List the names and titles of such

employees managing at least two offices together with the number of offices they manage. \*/

SELECT FL\_NAME,TITLE,COUNT(\*)

FROM EMPLOYEES JOIN OFFICES ON MANAGER = EMP\_ID

WHERE OFF\_SALES>200000

GROUP BY FL\_NAME,TITLE

HAVING COUNT(\*)>=2