**Assignment – 12**  
Using the operators ANY, ALL and SOME.

**1)** Write a query that selects all customers whose ratings are equal to or greater than  
ANY of Serres’.  
**Answer -**

**SELECT \***

**FROM customers**

**WHERE rating >=ANY**

**( SELECT rating**

**FROM customers**

**WHERE snum IN**

**( SELECT snum**

**FROM salespeople**

**WHERE sname='serres' ) );**

CNUM    CNAME    CITY    RATING    SNUM  
2008    cisneros    san jose    300    1007  
2004    grass    berliln    300    1002  
2002    giovanni    rome    200    1003  
2003    liu    san jose    200    1002  
  
  
**2)** Write a query using ANY or ALL that will find all salespeople who have no  
customers located in their city.

**Answer -**

**SELECT snum**

**FROM salespeople**

**WHERE (snum,**

**city) NOT IN**

**(SELECT snum,**

**city**

**FROM customers);**

SNUM  
  
1007  
1004  
1003  
  
  
**3)** Write a query that selects all orders for amounts greater than any for the  
customers in London.

**Answer -**

**SELECT \***

**FROM orders**

**WHERE amt> ANY**

**( SELECT amt**

**FROM orders**

**WHERE cnum IN**

**( SELECT cnum**

**FROM customers**

**WHERE city='london' ) );**

ONUM    AMT ODATE    CNUM    SNUM  
  
3011    9891.88    06-OCT-90    2006    1001  
3005    5160.45    03-OCT-90    2003    1002  
3008    4723    05-OCT-90    2006    1001  
3002    1900.1    03-OCT-90    2007    1004  
3009    1713.23    04-OCT-90    2002    1003  
3010    1309.95    06-OCT-90    2004    1002  
3006    1098.16    03-OCT-90    2008    1007  
  
7 rows selected.  
  
  
**4)** Write the above query using MIN or MAX.  
**Answer -**

**SELECT \***

**FROM orders**

**WHERE amt>**

**(SELECT min(amt)**

**FROM customers**

**NATURAL JOIN orders**

**WHERE city='london');**

ONUM    AMT    ODATE    CNUM    SNUM  
  
3002    1900.1    03-OCT-90    2007    1004  
3005    5160.45    03-OCT-90    2003    1002  
3006    1098.16    03-OCT-90    2008    1007  
3009    1713.23    04-OCT-90    2002    1003  
3008    4723    05-OCT-90    2006    1001  
3010    1309.95    06-OCT-90    2004    1002  
3011    9891.88    06-OCT-90    2006    1001  
  
7 rows selected.