

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

```
Database changed
W1_84109_Sumit>Select * from CUSTOMER
-> Where Rating >=ANY
-> (Select Rating from CUSTOMER
-> Where Snum IN
-> (Select Snum
-> from SALESPeOPLE
-> Where Sname='Serres'));
```

Cnum	Cname	City	Rating	Snum
2002	Giovanni	Rome	200	1003
2003	Liu	San Jose	200	1002
2004	Grass	Berlin	300	1002
2008	Cisneros	San Jose	300	1007

4 rows in set (0.01 sec)

- 2) Write a query using ANY or ALL that will find all salespeople who have no customers located in their city.

```
W1_84109_Sumit>Select Snum
-> FROM SALESPeOPLE
-> Where (Snum, City)
-> NOT IN (Select Snum, City
-> from CUSTOMER);
```

Snum
1004
1007
1003

3 rows in set (0.00 sec)

3) Write a query that selects all orders for amounts greater than any for the customers in London.

```
W1_84109_Sumit>Select * from ORDERS Where Amt>ANY (Select Amt from ORDERS Where
Cnum IN (Select Cnum from CUSTOMER Where City='London'));
+-----+-----+-----+-----+
| Onum | Amt      | Odate      | Cnum | Snum |
+-----+-----+-----+-----+
| 3002 | 1900.10  | 1990-10-03 | 2007 | 1004 |
| 3005 | 5160.45  | 1990-10-03 | 2003 | 1002 |
| 3006 | 1098.16  | 1990-10-03 | 2008 | 1007 |
| 3009 | 1713.23  | 1990-10-04 | 2002 | 1003 |
| 3008 | 4723.00  | 1990-10-05 | 2006 | 1001 |
| 3010 | 1309.95  | 1990-10-06 | 2004 | 1002 |
| 3011 | 9891.88  | 1990-10-06 | 2006 | 1001 |
+-----+-----+-----+-----+
7 rows in set (0.01 sec)
```

4) Write the above query using MIN or MAX.

```
W1_84109_Sumit>Select * From ORDERS
-> Where Amt>(Select min(Amt)
-> From CUSTOMER
-> NATURAL JOIN ORDERS
-> Where City='London');
+-----+-----+-----+-----+
| Onum | Amt      | Odate      | Cnum | Snum |
+-----+-----+-----+-----+
| 3002 | 1900.10  | 1990-10-03 | 2007 | 1004 |
| 3005 | 5160.45  | 1990-10-03 | 2003 | 1002 |
| 3006 | 1098.16  | 1990-10-03 | 2008 | 1007 |
| 3009 | 1713.23  | 1990-10-04 | 2002 | 1003 |
| 3008 | 4723.00  | 1990-10-05 | 2006 | 1001 |
| 3010 | 1309.95  | 1990-10-06 | 2004 | 1002 |
| 3011 | 9891.88  | 1990-10-06 | 2006 | 1001 |
+-----+-----+-----+-----+
7 rows in set (0.00 sec)
```