

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

```
kd2-sandip-87224@>use sales
Database changed
kd2-sandip-87224@>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
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.

```
kd2-sandip-87224@>SELECT snum  
-> FROM salespeople  
-> WHERE (snum,  
->         city) NOT IN  
->        (SELECT snum,  
->             city  
->          FROM customers);
```

```
+-----+
```

```
| 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.

```
kd2-sandip-87224@>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
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	1990-10-04	2006	1001
3011	9891.88	1990-10-04	2006	1001

6 rows in set (0.00 sec)

4) Write the above query using MIN or MAX.

```
kd2-sandip-87224@>SELECT *  
-> FROM orders  
-> WHERE amt>  
->      (SELECT min(amt)  
->      FROM customers  
->      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	1990-10-04	2006	1001
3011	9891.88	1990-10-04	2006	1001

6 rows in set (0.00 sec)