# ASSIGNMENT 12

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

```
KD3_86659_shriya@>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 (0.00 sec)
```

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

```
KD3_86659_shriya@>select sname from salespeople
    -> where snum = any (select snum from customers
    -> where salespeople.city != customers.city and
    -> salespeople.snum = customers.snum );
+---------+
| sname   |
+---------+
| Serres  |
| Motika  |
| Rifkin  |
| Axelrod |
+---------+
4 rows in set (0.00 sec)
```

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

```
KD3_86659_shriya@>select * from orders
    -> where amt > any (select cnum from customers
    -> where city = 'London') ;
+------+---------+------------+------+------+
| Onum | Amt     | Odate      | Cnum | Snum |
+------+---------+------------+------+------+
| 3005 | 5160.45 | 1990-10-03 | 2003 | 1002 |
| 3008 | 4723.00 | 1990-10-05 | 2006 | 1001 |
| 3011 | 9891.88 | 1990-10-06 | 2006 | 1001 |
+------+---------+------------+------+------+
3 rows in set (0.00 sec)
```

4) Write the above query using MIN or MAX.

```
KD3_86659_shriya@>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 | 1990-10-05 | 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)
```

4) Write the above query using MIN or MAX.