

ASSIGNMENT - 12

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

```
KD3_86688_swapnil@>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_86688_swapnil@>select * from salespeople where city != All(select city from customers);
+-----+-----+-----+-----+
| Snum | Sname | city | comm |
+-----+-----+-----+-----+
| 1007 | rifkin | barcelona | 0.15 |
| 1003 | axelrod | new york | 0.10 |
+-----+-----+-----+-----+
2 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_86688_swapnil@>select * from orders where Amt > any (select amt from orders where Cnum in (select cnum from customers where city in ('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

```
KD3_86688_swapnil@>select * from orders where amt > (select min(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 | 1990-10-05 | 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)
```