Assignment 12

MySQL

Database technologies

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

```
W1_86802_Aman>select cname,rating,sname from customers,salespeople where customers.snum=salespeople.snum and customers.rating>= any(select rating from customers where snum= (select snum from salespeople where
sname='Serres'));
+---------+--------+---------+
| cname   | rating | sname   |
+---------+--------+---------+
| Grass   |    300 | Serres  |
| Liu     |    200 | Serres  |
| Cisneros|    300 | Rifkin  |
| Giovanni|    200 | Axelrod |
+---------+--------+---------+
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.

```
W1_86802_Aman>select sname,city from salespeople where city!=ALL(select city from customers);
+---------+-----------+
| sname   | city      |
+---------+-----------+
| Rifkin  | Barcelona |
| Axelrod | New York  |
+---------+-----------+
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.

```
W1_86802_Aman>select * from orders where amt >any(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)
```