Assignment – 12

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

select * from customers where rating >=any (select rating from customers,salespeople where customers.snum = salespeople.snum and sname='Serres');

```
KD1-Yashraj-86633@>select * from customers where rating >=any (select rating from customers,salespeople where customers.snum = salespeople.snum and sname='S
erres');
+------+----------+----------+--------+------+
| 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.

SELECT sname from salespeople, customer where salespeople.city not in (select city from customers) and salespeople.snum=orders.snum;

```
KD1-Yashraj-86633@>SELECT sname from salespeople, customers where salespeople.city not in (select city from customers) and salespeople.snum=customers.snum;
+---------+
| sname   |
+---------+
| Axelrod |
| Rifkin  |
+---------+
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.

SELECT * from orders where amt > any (select amt from orders,customers where customers.cnum = orders.cnum and customers.city='London');

```
KD1-Yashraj-86633@>SELECT * from orders where amt > any (select amt from orders,customers where customers.cnum = orders.cnum and customers.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.

SELECT * from orders where amt > (select min(amt) from orders,customers where customers.cnum = orders.cnum and customers.city='London');

```
KD1-Yashraj-86633@>SELECT * from orders where amt > (select min(amt) from orders,customers where customers.cnum = orders.cnum and customers.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)
```