

## DBT Assignment-12

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

```
select cname, rating from customers
where rating >= any
(select rating from customers c
join salespeople s on c.snum = s.snum
where s.sname = 'Serres');
```

```
mysql> select cname, rating from customers
-> where rating >= any
-> (select rating from customers c
-> join salespeople s on c.snum = s.snum
-> where s.sname = 'Serres');
+-----+-----+
| cname | rating |
+-----+-----+
| Giovanni | 200 |
| Liu | 200 |
| Grass | 300 |
| Cisneros | 300 |
+-----+-----+
```

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

```
select s.sname from salespeople s
where s.city <> all
(select c.city from customers c
where c.snum = s.snum);
```

```
mysql> select s.sname from salespeople s
-> where s.city <> all
-> (select c.city from customers c
-> where c.snum = s.snum);
+-----+
| sname |
+-----+
| Motika |
| Rifkin |
| Axelrod |
+-----+
```

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

```

select o.* from orders o
join customers c on o.cnum = c.cnum
where o.amt > any
(select o.amt from orders o
join customers c on o.cnum = c.cnum
where c.city = 'London');

```

```

mysql> select o.* from orders o
-> join customers c on o.cnum = c.cnum
-> where o.amt > any
-> (select o.amt from orders o
-> join customers c on o.cnum = c.cnum
-> where c.city = 'London');

```

Onum	Amt	Odate	Cnum	Snum
3009	1713.23	1990-10-04	2002	1003
3005	5160.45	1990-10-03	2003	1002
3010	1309.95	1990-10-06	2004	1002
3011	9891.88	1990-10-06	2006	1001
3008	4723.00	1990-10-05	2006	1001
3006	1098.16	1990-10-03	2008	1007
3002	1900.10	1990-10-03	2007	1004

4. Write the above query using MIN or MAX.

```

select o.* from orders o
join customers c on o.cnum = c.cnum
where o.amt >
(select min(o.amt) from orders o
join customers c on o.cnum = c.cnum
where c.city = 'London');

```

```

mysql> select o.* from orders o
-> join customers c on o.cnum = c.cnum
-> where o.amt >
-> (select min(o.amt) from orders o
-> join customers c on o.cnum = c.cnum
-> where c.city = 'London');

```

Onum	Amt	Odate	Cnum	Snum
3009	1713.23	1990-10-04	2002	1003
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