

Assignment – 12 Using the operators IN, ANY, and ALL.

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

```
KD3_86672_saksham@> select cname from customers where rating >= any(select rating from customers where snum = (select snum from salespeople where sname = 'serres'));
```

cname
Giovanni
Liu
Grass
Cisneros

```
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_86672_saksham@> select sname from salespeople where city = any(select city from salespeople where city != all(select distinct city from customers));
```

sname
Rifkin
Axelrod

```
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_86672_saksham@> select onum from orders where amt > any(select amt from orders where cnum = any(select cnum from customers where city = 'london'));
```

onum
3002
3005
3006
3009
3008
3010
3011

```
7 rows in set (0.00 sec)
```

4) Write the above query using MIN or MAX.

```
KD3_86672_saksham@> select onum from orders where amt > any(select min(amt)
from orders where cnum = any(select cnum from customers where city = 'londo
n'));
+-----+
| onum |
+-----+
| 3002 |
| 3005 |
| 3006 |
| 3009 |
| 3008 |
| 3010 |
| 3011 |
+-----+
7 rows in set (0.00 sec)
```