

## 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_86686_Vaibhav@>select cname from customers
-> where rating >= any(
-> select customers.rating from customers
-> where snum = (select snum from salespeople
-> where sname = 'Serres')
-> );
```

cname
Giovanni
Liu
Grass
Cisneros

```
4 rows in set (0.04 sec)
```

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

```
KD3_86686_Vaibhav@>select sname from salespeople
-> where city != any(select
-> city from customers);
```

sname
Peel
Serres
Motika
Rifkin
Axelrod

```
5 rows in set (0.01 sec)
```

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

```

KD3_86686_Vaibhav@>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 (0.01 sec)

```

4) Write the above query using MIN or MAX.

```

KD3_86686_Vaibhav@>select onum from orders
-> where amt = (select min(amt) from
-> orders where amt > any(select
-> amt from orders where cnum = any(
-> select cnum from customers
-> where city = 'London')));
+-----+
| onum |
+-----+
| 3006 |
+-----+
1 row in set (0.01 sec)

```