

Assignment no 12

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

Ans : select cname , rating from customers where rating >= any (select rating from customers);

```
KD3_86752_prathamesh@>select cname , rating from customers where rating >= any (select rating from customers );
+-----+-----+
| cname | rating |
+-----+-----+
| Giovanni | 200 |
| Liu | 200 |
| Grass | 300 |
| Cisneros | 300 |
+-----+-----+
4 rows in set (0.01 sec)
```

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

Ans :

KD3_86752_prathamesh@>SELECT *

-> FROM salespeople s

-> WHERE s.city <> ALL (

-> SELECT c.city

-> FROM customers c

-> WHERE c.snum = s.snum

->);

```
KD3_86752_prathamesh@>SELECT *
-> FROM salespeople s
-> WHERE s.city <> ALL (
->     SELECT c.city
->     FROM customers c
->     WHERE c.snum = s.snum
-> );
```

snum	sname	city	comm
1004	Motika	London	0.11
1007	Rifkin	Barcelona	0.15
1003	Axelrod	New York	0.10

3 rows in set (0.00 sec)

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

Ans : >SELECT *

```
-> FROM orders
-> WHERE amt > ANY (
->     SELECT amt
->     FROM orders o
->     JOIN customers c ON o.cnum = c.cnum
->     WHERE c.city = 'London'
-> );
```

```
KD3_86752_prathamesh@>SELECT *
-> FROM orders
-> WHERE amt > ANY (
->     SELECT amt
->     FROM orders o
->     JOIN customers c ON o.cnum = c.cnum
->     WHERE c.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.

Ans : SELECT *

```
-> FROM orders
-> WHERE amt > (
->   SELECT MIN(amt)
->   FROM orders o
->   JOIN customers c ON o.cnum = c.cnum
->   WHERE c.city = 'London'
-> );
```

```
KD3_86752_prathamesh@>SELECT *
-> FROM orders
-> WHERE amt > (
->   SELECT MIN(amt)
->   FROM orders o
->   JOIN customers c ON o.cnum = c.cnum
->   WHERE c.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)
```