

## 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'.

```
W2_89692_Aditya>select * FROM customers WHERE rating >=ANY(Select rating FROM customers WHERE snum IN (Select snum FROM salespeople WHERE sname='serres'));
```

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.

```
W2_89692_Aditya>select snum FROM salespeople WHERE(snum,city) NOT IN (Select snum,city FROM customers);
```

snum
1004
1007
1003

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. 4) Write the above query using MIN or MAX.

```
W2_89692_Aditya>select * FROM orders WHERE amt> ANY(SELECT amt FROM orders WHERE cnum IN(Select cnum FROM customers Where city='london'));
```

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

7 rows in set (0.00 sec)