

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_87323_Dhanashri>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 (0.03 sec)
```

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

```
W2_87323_Dhanashri>  SELECT
->     Sname,
->     City
-> FROM
->     salespeople
-> WHERE
->     City <> ALL (
->         SELECT
->             City
->         FROM
->             customers
->         WHERE
->             salespeople.Snum = customers.Snum
->     );
```

| Sname | City |
|---------|-----------|
| Motika | London |
| Rifkin | Barcelona |
| Axelrod | New York |

```
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.

```
W2_87323_Dhanashri>select * from orders where Amt > ANY (select Amt from orders where cnum IN (Select cnum from customers));
```

| Onum | Amt | Odate | Cnum | Snum |
|------|---------|------------|------|------|
| 3003 | 767.19 | 1990-08-03 | 2001 | 1001 |
| 3002 | 1900.10 | 1990-08-03 | 2007 | 1004 |
| 3005 | 5160.45 | 1990-08-03 | 2003 | 1002 |
| 3006 | 1098.16 | 1990-08-03 | 2008 | 1007 |
| 3009 | 1713.23 | 1990-08-04 | 2002 | 1003 |
| 3007 | 75.75 | 1990-08-04 | 2004 | 1002 |
| 3008 | 4723.00 | 1990-08-05 | 2006 | 1001 |
| 3010 | 1309.95 | 1990-08-06 | 2004 | 1002 |
| 3011 | 9891.88 | 1990-08-06 | 2006 | 1001 |

9 rows in set (0.02 sec)