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Assignment 12

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

```
mysql> select * from customers
-> where Rating>=Any(
-> select Rating from customers
-> where Snum=1002
-> );
```

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 (0.01 sec)

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

```
mysql> select * from salespeople s
-> where not exists
-> (select 1 from customers c
-> where c.snum=s.snum and c.city=s.city);
```

Snum	Sname	City	Comm
1004	Motika	London	0.11
1007	Rifkin	Barcelona	0.15
1003	Axelrod	New York	0.10

3 rows in set (0.01 sec)

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

```
mysql> SELECT *  
-> FROM orders O  
-> 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	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	1990-10-05	2006	1001
3010	1309.95	1990-10-06	2004	1002
3011	9891.88	1990-10-06	2006	1001

7 rows in set (0.01 sec)

4) Write the above query using MIN or MAX.

```
mysql> SELECT *  
-> FROM orders  
-> WHERE Amt > (SELECT MIN(Rating)  
-> FROM customers  
-> WHERE City = 'London');
```

Onum	Amt	Odate	Cnum	Snum
3003	767.19	1990-10-03	2001	1001
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	1990-10-05	2006	1001
3010	1309.95	1990-10-06	2004	1002
3011	9891.88	1990-10-06	2006	1001

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