SQL ASSIGNMENT -12

ROLL NO-84016

Q1Write a query that selects all customers whose ratings are equal to or greater than ANY of 'Serres'.
Ans.

```
D2_84016_Suyash>select * from CUSTOMERS where Rating >=ANY (select rating from
CUSTOMERS where Snum = (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)

D2_84016_Suyash>
```

Q2.Write a query using ANY or ALL that will find all salespeople who have no customers located in their city.
Ans.

```
D2_84016_Suyash>select sname,city from SALESPEOPLE where (snum,city)!=ALL(select snum,city from CUSTOMERS);
+---------+-----------+
| sname   | city      |
+---------+-----------+
| Motika  | London    |
| Rifkin  | Barcelona |
| Axelrod | New York  |
+---------+-----------+
3 rows in set (0.01 sec)

D2_84016_Suyash>
```

Q3.Write a query that selects all orders for amounts greater than any for the customers in london.
Ans.

```
D2_84016_Suyash>select Onum,amt from ORDERS where Amt>ANY(select amt from ORDERS where snum=ANY(select snum from CUSTOMERS WHERE CITY='London'));
+------+---------+
| Onum | amt     |
+------+---------+
| 3002 |  1900.1 |
| 3005 | 5160.45 |
| 3006 | 1098.16 |
| 3009 | 1713.23 |
| 3008 |    4723 |
| 3010 | 1309.95 |
| 3011 | 9891.88 |
+------+---------+
7 rows in set (0.00 sec)

D2_84016_Suyash>
```

Q4.Write the above query using Min or MAX.

Ans.

```
D2_84016_Suyash>select Onum,amt from ORDERS where amt>(select min(amt) from ORDERS where snum=ANY(select snum from CUSTOMERS WHERE CITY='London'))
;
+------+---------+
| Onum | amt     |
+------+---------+
| 3002 |  1900.1 |
| 3005 | 5160.45 |
| 3006 | 1098.16 |
| 3009 | 1713.23 |
| 3008 |    4723 |
| 3010 | 1309.95 |
| 3011 | 9891.88 |
+------+---------+
7 rows in set (0.00 sec)
```