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'.

Query : select cname from customers where rating >=any(select rating from customers where snum = (select snum from salespeople where sname = 'Serres'));

```
D3_93068_Pankaj>select cname from customer where rating >=any(select rating
from customer where snum = (select snum from salespeople where sname = 'Serr
es'));
+-----------+
| cname     |
+-----------+
| Giovanni  |
| LIU       |
| Grass     |
| Cisnerous |
+-----------+
```

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

Query : select sname from salespeople where snum !=all(select s.snum from salespeople s join customers c on s.snum = c.snum where s.city = c.city);

```
D3_93068_Pankaj>select sname from salespeople where snum !=all(select s.snum
 from salespeople s join customer c on s.snum = c.snum where s.city = c.city
);
+---------+
| sname   |
+---------+
| Motika  |
| Rifkin  |
| Axelrod |
+---------+
3 rows in set (0.04 sec)
```

3) Write a query that selects all orders for amounts greater than any for the

customers in London.

Query : select onum from orders where amt >any (select amt from orders where cnum in (select cnum from customers where city = 'London'));

```
D3_93068_Pankaj>select onum from orders where amt >any ( select amt from ord
ers where cnum in ( select cnum from customer where  city = 'London' ) );
+------+
| onum |
+------+
| 3002 |
| 3005 |
| 3006 |
| 3009 |
| 3008 |
| 3010 |
| 3011 |
+------+
7 rows in set (0.00 sec)
```

4) Write the above query using MIN or MAX.

Query : select onum from orders where amt >any (select min(amt) from orders where cnum in (select cnum from customers where city = 'London'));

```
D3_93068_Pankaj>select onum from orders where amt >any ( select min(amt) fro
m orders where cnum in ( select cnum from customer where  city = 'London' )
);
+------+
| onum |
+------+
| 3002 |
| 3005 |
| 3006 |
| 3009 |
| 3008 |
| 3010 |
| 3011 |
+------+
7 rows in set (0.00 sec)
```