Assignment – 11
Subqueries.

1) Write a query that uses a subquery to obtain all orders for the customer named Cisneros. Assume you do not know his customer number (cnum).

```
 W2_93165_Shivakanya> select *
    -> from Orders
    -> where Cnum=(select Cnum from Customers where Cname='Cisneros');
+------+---------+------------+------+------+
| Onum | Amt     | Odate      | Cnum | Snum |
+------+---------+------------+------+------+
| 3001 |   18.69 | 1990-10-03 | 2008 | 1007 |
| 3006 | 1098.16 | 1990-10-03 | 2008 | 1007 |
+------+---------+------------+------+------+
2 rows in set (0.67 sec)
```

2) Write a query that produces the names and ratings of all customers who have above-average orders

```
   W2_93165_Shivakanya> select Cname,rating
    -> from Customers
    -> where Cnum In(select Cnum from Orders where Amt> (select Avg(Amt)from
Orders));
+---------+--------+
| Cname   | rating |
+---------+--------+
| Liu     |    200 |
| Clemens |    100 |
+---------+--------+
2 rows in set (0.20 sec)
```

3) Write a query that selects the total amount in orders for each salesperson for whom this total is greater than the amount of the largest order in the table.

```
    W2_93165_Shivakanya> select Snum,sum(Amt)
    -> from Orders
    -> Group by Snum
    -> having sum(Amt)= (select max(sum_Amt)from (select sum(Amt) sum_Amt from
Orders group by Snum)temp);
+------+--------------------+
| Snum | sum(Amt)           |
+------+--------------------+
| 1001 | 15382.069885253906 |
+------+--------------------+
1 row in set (0.09 sec)
```