ASSIGNMENT 11

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).

```
W3_93086_Harshal>select onum , cnum from orders where cnum = (select cname from
customers where cnum = 'cisneros');
Empty set, 1 warning (0.00 sec)

W3_93086_Harshal>select onum , cnum from orders where cnum = (select cnum from c
ustomers where cname = 'cisneros');
+------+------+
| onum | cnum |
+------+------+
| 3001 | 2008 |
| 3006 | 2008 |
+------+------+
2 rows in set (0.00 sec)

W3_93086_Harshal>
```

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

```
W3_93086_Harshal>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 (0.01 sec)

W3_93086_Harshal>
```

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.

```
W3_93086_Harshal>
W3_93086_Harshal>SELECT sum(amt)
    -> FROM orders
    -> GROUP BY snum
    -> HAVING sum(amt)>(SELECT max(amt) FROM orders);
+----------+
| sum(amt) |
+----------+
| 15382.07 |
+----------+
1 row in set (0.01 sec)

W3_93086_Harshal>
```