SQL ASSIGNMENT -11

ROLL NO-84016

Q1Write a query that uses a subquery to obtain all orders for the customer named Cisneros. Assume you do not know his customer number (cnum).
Ans.

```
D2_84016_Suyash>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 (0.00 sec)
```

Q2.Write a query that produces the names and ratings of all customers who have above-average orders.
Ans.

```
D2_84016_Suyash>select cname,rating,amt from CUSTOMERS,ORDERS  where CUSTOMERS.Cnum =ORDERS.Cnum AND AMT>(select Avg(AMT) from ORDERS) group by cname,rating,amt  order by 1;

+---------+--------+---------+
| cname   | rating | amt     |
+---------+--------+---------+
| Clemens |    100 |    4723 |
| Clemens |    100 | 9891.88 |
| Liu     |    200 | 5160.45 |
+---------+--------+---------+
3 rows in set (0.00 sec)

D2_84016_Suyash>
```

Q3.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.

Ans.

```
D2_84016_Suyash>select snum,sum(amt)  from ORDERS group by snum having sum(amt) > (select  max(amt) from ORDERS );
+------+------------------+
| snum | sum(amt)         |
+------+------------------+
| 1001 | 15382.069885253906 |
+------+------------------+
1 row in set (0.00 sec)
```