**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).

Solution –

select \* from orders

where cnum = (select cnum from customers where cname = 'cisneros'

);

========================================================================

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

Solution –

select cname,rating from customers

where cnum in (select cnum from orders where amt>(select avg(amt) from orders)

);

========================================================================

1. 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.

Solution –

select sum(amt) from orders group by snum

having sum(amt)>(select max(amt) from orders);

========================================================================