

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).

Ans: select Onum from orders

-> where Snum=

-> (Select Snum from customers

-> where Cname='Cisneros');

Onum
3001
3006

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

Ans: 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

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.

Ans: select Snum, sum(amt) as TotalAmount

-> from orders

-> group by snum

-> having sum(amt)>

-> (select max(amt)

-> from orders);

Snum	TotalAmount
1001	15382.07