

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).

```
SELECT * FROM ORDERS
WHERE Cnum = (SELECT Cnum FROM CUSTOMERS WHERE Cname =
'Cisneros');
```

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

```
SELECT Cname, Rating
FROM CUSTOMERS
WHERE Cnum IN (SELECT Cnum FROM ORDERS GROUP BY Cnum
HAVING SUM(Amt) > (SELECT
AVG(Amt) FROM ORDERS));
```

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.

```
SELECT Snum, SUM(Amt) AS TotalOrders
FROM ORDERS
GROUP BY Snum
HAVING TotalOrders > (SELECT MAX(Amt) FROM ORDERS);
```