**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).  
**Answer –**

**SELECT onum "ALL ORDERS",cnum**

**FROM orders**

**WHERE cnum=**

**(SELECT cnum**

**FROM customers**

**WHERE cname='cisneros');**

ALLORDERS    CNUM  
3001    2008  
3006    2008  
  
  
**2)** Write a query that produces the names and ratings of all customers who have  
above-average orders.  
**Answer –**

**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.  
**Answer –**

**SELECT sum(amt)**

**FROM orders**

**GROUP BY snum**

**HAVING sum(amt)>(SELECT max(amt) FROM orders);**

SUM(AMT) 15382.07