

**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).

```
W2_93085_Tejas SELECT
->   Onum AS order_id,
->   Amt AS order_amount,
->   Odate AS order_date,
->   Cnum AS customer_id,
->   Snum AS salesperson_id
-> FROM
->   ORDERS
-> WHERE
->   Cnum = (
->     SELECT Cnum
->     FROM CUSTOMERS
->     WHERE Cname = 'Cisneros'
->   );
```

order_id	order_amount	order_date	customer_id	salesperson_id
3001	18.69	1990-10-03	2008	1007
3006	1098.16	1990-10-03	2008	1007

2 rows in set (0.00 sec)

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

```
W2_93085_Tejas SELECT
->   c.Cname AS customer_name,
->   c.Rating AS customer_rating
-> FROM
->   CUSTOMERS c
-> WHERE
->   c.Cnum IN (
->     SELECT o.Cnum
->     FROM ORDERS o
->     WHERE o.Amt > (
->       SELECT AVG(Amt) FROM ORDERS
->     )
->   );
```

customer_name	customer_rating
Liu	200
Clemens	100

2 rows in set (0.01 sec)

- 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.



















