

Vatsal Mishra  
D4  
83889

## Assignment 11

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).

```
D4_Vatsal_83889>select * from Orders where Cnum = (select cnum from Customers where Cname= 'Cisneros');
+-----+-----+-----+-----+-----+
| Onum | Amt   | Odate   | Cnum | Snum |
+-----+-----+-----+-----+
| 3001 | 18.69 | 1990-10-03 | 2008 | 1007 |
| 3006 | 1098.96 | 1990-10-03 | 2008 | 1007 |
+-----+-----+-----+-----+
2 rows in set (0.00 sec)

D4_Vatsal_83889>
```

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

```
ERROR 1242 (21000): Subquery returns more than 1 row
D4_Vatsal_83889>Select Cname, Rating from Customers where Cnum = any (Select Cnum from Orders group by Cnum having Sum(Amt)>Avg(Amt) );
+-----+-----+
| Cname | Rating |
+-----+-----+
| Grass | 300    |
| Cisneros | 300    |
| Pereira | 100    |
+-----+-----+
3 rows in set (0.01 sec)

D4_Vatsal_83889>
```

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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.

```
D4_Vatsal_83889>select Sname, sum(Amt) from Orders,SALESPEOPLE where Orders.snum
= SALESPEOPLE.snum group by Sname having sum(Amt)>(select max(Amt) from Orders)
;
+-----+-----+
| Sname | sum(Amt) |
+-----+-----+
| Peel  | 15382.07 |
+-----+-----+
1 row in set (0.00 sec)
```