

## Assignment 11

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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, amt , odate , cnum from orders where cnum =(select cnum from customers where cname = 'Cisneros' ) ;

```
ERROR 1064 (42000): Unknown column 'cnum' in 'field list'
KD3_86752_prathamesh@>select onum, amt , odate , cnum from orders where cnum =
-> (select cnum from customers where cname = 'Cisneros' ) ;
+-----+-----+-----+-----+
| onum | amt   | odate   | cnum |
+-----+-----+-----+-----+
| 3001 | 18.69 | 1990-10-03 | 2008 |
| 3006 | 1098.16 | 1990-10-03 | 2008 |
+-----+-----+-----+-----+
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.

Ans : >select cname , rating from customers where rating > (select avg(rating) from customers ) ;

```
KD3_86752_prathamesh@>select cname , rating from customers where rating > (s
elect avg(rating) from customers ) ;
+-----+-----+
| cname | rating |
+-----+-----+
| Giovanni | 200 |
| Liu | 200 |
| Grass | 300 |
| Cisneros | 300 |
+-----+-----+
4 rows in set (0.00 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.

Ans : select snum , sum(amt) from orders group by snum having sum(amt) > ( select max(amt) from orders ) ;

```
KD3_86752_prathamesh@>select snum , sum(amt) from orders group by snum hav  
ing sum(amt) > ( select max(amt) from orders ) ;  
+-----+-----+  
| snum | sum(amt) |  
+-----+-----+  
| 1001 | 15382.07 |  
+-----+-----+  
1 row in set (0.01 sec)
```