

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 :

KD4-89208-Ashish>select onum from orders where

-> cnum=(select cnum from customers where cname ='Cisneros');

```
KD4-89208-Ashish>select onum from orders where
-> cnum=(select cnum from customers where cname ='Cisneros');
+-----+
| onum |
+-----+
| 3001 |
| 3006 |
+-----+
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.

= KD4-89208-Ashish>select cname,rating from customers

-> where cnum in (select cnum from orders

-> where amt >(select avg(amt)from orders));

```
KD4-89208-Ashish>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    |
+-----+-----+
2 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 :

```
KD4-89208-Ashish>select tbl.snum, tbl.sum from
```

```
-> (select snum, sum(amt) sum from orders group by snum)
```

```
-> tbl where sum > (select max(amt) from orders);
```

```
KD4-89208-Ashish>select tbl.snum, tbl.sum from
  -> (select snum, sum(amt) sum from orders group by snum)
  -> tbl where sum > (select max(amt) from orders);
+-----+-----+
| snum | sum                |
+-----+-----+
| 1001 | 15382.069885253906 |
+-----+-----+
1 row in set (0.00 sec)
```