

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).

```
KD4-86647-aman>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 | 1098.16  | 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.

```
KD4-86647-aman>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.

```
KD4-86647-aman>select snum, sum(amt) as amt from orders group by snum having amt> (
select max(amt)from orders);
+-----+-----+
| snum | amt      |
+-----+-----+
| 1001 | 15382.07 |
+-----+-----+
1 row in set (0.00 sec)
```