Assignment 11

KD1_86940_parag

Q1).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).

```
mysql> 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 |
+------+---------+------------+------+------+
```

Q2).Write a query that produces the names and ratings of all customers who have above-average orders.

```
mysql> select cname,amt,onum from customers,orders
    -> where customers.cnum=orders.cnum
    -> and amt >
    -> (select avg(amt) from orders);
+---------+---------+------+
| cname   | amt     | onum |
+---------+---------+------+
| Liu     | 5160.45 | 3005 |
| Clemens | 9891.88 | 3011 |
| Clemens | 4723.00 | 3008 |
+---------+---------+------+
```

Q3).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.

```
mysql> select sum(amt) from orders
    -> group by snum
    -> having sum(amt) > (select max(amt) from orders);
+----------+
| sum(amt) |
+----------+
| 15382.07 |
+----------+
```