

Assignment - 7

Summarizing data with Aggregate functions

① write a query that counts all orders from October 3.

Ans-
SELECT COUNT(*) AS OrderCount FROM orders
WHERE Odate = '1990-10-03';

② write a query that counts the number of different non-null city values in the customers table?

Ans-
SELECT COUNT(DISTINCT city) AS Uniquecities
FROM customers WHERE city IS NOT NULL;

③ write a query that selects each customer's smallest order?

Ans-
SELECT Cnum, MIN(Amt) AS SmallestOrder FROM

orders GROUP BY Cnum;

- ④ write a query that select the first customer in alphabetical order, whose name begins with G.

Ans-
SELECT * FROM customers WHERE Cname LIKE 'G%'
ORDER BY Cname ~~ORDER~~ LIMIT 1 ROW ONLY;

- ⑤ write a query that selects the highest rating in each city.

Ans-
SELECT city, MAX(Rating) AS HighestRating
FROM customers GROUP BY city;

- ⑥ write a query that counts the no of sales people registering orders for each day. (If the sales person had more than one order on a given day, he or she should be counted by once).

Ans-
SELECT Odate, COUNT(DISTINCT Snum) AS SalesPeopleCount
FROM orders GROUP BY Odate;