1. **Write a query that counts all orders for October 3.**

```
W2_87325_Rajvardhan>SELECT COUNT(o_num) NUM_OF_ORDERS FROM ORDERS WHERE ODATE='1990-10-03';
+---------------+
| NUM_OF_ORDERS |
+---------------+
|             5 |
+---------------+
1 row in set (0.01 sec)
```

2. **Write a query that counts the number of different non-NULL city values in the Customers table.**

```
W2_87325_Rajvardhan>SELECT COUNT(DISTINCT CITY) NON_NULL_CITY FROM CUSTOMERS;
+---------------+
| NON_NULL_CITY |
+---------------+
|             4 |
+---------------+
1 row in set (0.01 sec)
```

3. **Write a query that selects each customer's smallest order.**

```
W2_87325_Rajvardhan>SELECT C_NUM,MIN(AMT) SMALLEST_ORDER FROM ORDERS GROUP BY C_NUM ORDER BY 1;
+-------+----------------+
| C_NUM | SMALLEST_ORDER |
+-------+----------------+
|  2001 |         767.19 |
|  2002 |        1713.23 |
|  2003 |        5160.45 |
|  2004 |          75.75 |
|  2006 |        4723.00 |
|  2007 |        1900.10 |
|  2008 |          18.69 |
+-------+----------------+
7 rows in set (0.00 sec)
```

4. **Write a query that selects the first customer, in alphabetical order, whose name begins with G.**

```
W2_87325_Rajvardhan>SELECT CNAME FROM CUSTOMERS WHERE CNAME LIKE 'G%' ORDER BY CNAME LIMIT 1;
+----------+
| CNAME    |
+----------+
| Giovanni |
+----------+
1 row in set (0.00 sec)
```

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

```
W2_87325_Rajvardhan>SELECT DISTINCT CITY, MAX(RATING) MAX_RATINGS FROM CUSTOMERS GROUP BY CITY;
+----------+-------------+
| CITY     | MAX_RATINGS |
+----------+-------------+
| London   |         100 |
| Rome     |         200 |
| San Jose |         300 |
| Berlin   |         300 |
+----------+-------------+
4 rows in set (0.00 sec)
```

6. Write a query that counts the number of salespeople registering orders for each day. (If a salesperson has more than one order on a given day, he or she should be counted only once.)

```
W2_87325_Rajvardhan>SELECT Odate, COUNT(DISTINCT S_num) AS SalespeopleCount
    -> FROM ORDERS
    -> GROUP BY Odate;
+------------+------------------+
| Odate      | SalespeopleCount |
+------------+------------------+
| 1990-10-03 |                4 |
| 1990-10-04 |                2 |
| 1990-10-05 |                1 |
| 1990-10-06 |                2 |
+------------+------------------+
4 rows in set (0.00 sec)
```