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

```
                > WHERE UDate = '1990-10-03';
W2_SAMARTHZADBUKE_87083@localhost >SELECT COUNT(*) AS total_orders
    -> FROM Orders
    -> WHERE ODate = '1990-10-03';
+--------------+
| total_orders |
+--------------+
|            5 |
+--------------+
1 row in set (0.00 sec)

W2_SAMARTHZADBUKE_87083@localhost >
```

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

```
W2_SAMARTHZADBUKE_87083@localhost >SELECT COUNT(DISTINCT CITY) Distinctcities FROM CUSTOMERS WHERE CITY IS NOT NULL;
+---------------+
| Distinctcities |
+---------------+
|             4 |
+---------------+
1 row in set (0.00 sec)

W2_SAMARTHZADBUKE_87083@localhost >
```

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

```
W2_SAMARTHZADBUKE_87083@localhost >SELECT CNUM,MIN(AMT) Smallest_Order FROM ORDERS GROUP BY CNUM;
+------+----------------+
| CNUM | Smallest_Order |
+------+----------------+
| 2008 |          18.69 |
| 2001 |         767.19 |
| 2007 |        1900.10 |
| 2003 |        5160.45 |
| 2002 |        1713.23 |
| 2004 |          75.75 |
| 2006 |        4723.00 |
+------+----------------+
7 rows in set (0.00 sec)

W2_SAMARTHZADBUKE_87083@localhost >
```

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

```
W2_SAMARTHZADBUKE_87083@localhost >SELECT CNAME FROM CUSTOMERS WHERE CNAME LIKE'G%' ORDER BY CNAME LIMIT 1;
+----------+
| CNAME    |
+----------+
| Giovanni |
+----------+
1 row in set (0.00 sec)

W2_SAMARTHZADBUKE_87083@localhost >
```

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

```
W2_SAMARTHZADBUKE_87083@localhost >SELECT CITY,MAX(RATING) Max_Rating FROM CUSTOMERS GROUP BY CITY;
+----------+------------+
| CITY     | Max_Rating |
+----------+------------+
| London   |        100 |
| Rome     |        200 |
| San Jose |        300 |
| Berlin   |        300 |
+----------+------------+
4 rows in set (0.00 sec)

W2_SAMARTHZADBUKE_87083@localhost >
```

6) Write a query that counts the number of salespeople registering orders for each day.

```
2_SAMARTHZADBUKE_87083@localhost >SELECT ODATE, COUNT(DISTINCT SNUM) AS SalepeopleCount FROM ORDERS GROUP BY ODATE;
+------------+-----------------+
| ODATE      | SalepeopleCount |
+------------+-----------------+
| 1990-10-03 |               4 |
| 1990-10-04 |               2 |
| 1990-10-05 |               1 |
| 1990-10-06 |               2 |
+------------+-----------------+
 rows in set (0.00 sec)

2_SAMARTHZADBUKE_87083@localhost >
```