

SQL ASSIGNMENT – 07

Q1. Write a query that counts all orders for October 3.

ANS :-

```
D5_tejas_84011>SELECT count(Onum) Total_order FROM ORDERS WHERE Odate LIKE '1990-10-03';
+-----+
| Total_order |
+-----+
|           5 |
+-----+
1 row in set (0.00 sec)
```

Q2. Write a query that counts the number of different non-NULL city values in the Customers table.

ANS :-

```
D5_tejas_84011>SELECT count(cname) empty_city FROM CUSTOMERS WHERE cname IS NOT NULL;
+-----+
| empty_city |
+-----+
|           7 |
+-----+
1 row in set (0.00 sec)
```

Q3. Write a query that selects each customer's smallest order.

ANS :-

```
D5_tejas_84011>SELECT min(Amt), Cnum FROM ORDERS GROUP BY Cnum;
+-----+-----+
| min(Amt) | Cnum |
+-----+-----+
|    18.69 | 2008 |
|   767.19 | 2001 |
|  1900.10 | 2007 |
|  5160.45 | 2003 |
|  1713.23 | 2002 |
|    75.75 | 2004 |
|  4723.00 | 2006 |
+-----+-----+
7 rows in set (0.00 sec)
```

Q4. Write a query that selects the first customer, in alphabetical order, whose name begins with G.

ANS :-

```
D5_tejas_84011>SELECT * FROM CUSTOMERS WHERE Cname LIKE 'G%' ORDER BY Cname;
+-----+-----+-----+-----+
| Cnum | Cname   | City   | Rating | Snum |
+-----+-----+-----+-----+
| 2002 | Giovanni | Rome   | 200    | 1003 |
| 2004 | Grass    | Berlin | 300    | 1002 |
+-----+-----+-----+-----+
2 rows in set (0.01 sec)
```

Q5. Write a query that selects the highest rating in each city.

ANS :-

```
D5_tejas_84011>SELECT max(rating) FROM CUSTOMERS;
+-----+
| max(rating) |
+-----+
| 300          |
+-----+
1 row in set (0.00 sec)
```

Q6. 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.).

Ans :-

```
D5_tejas_84011>SELECT count(Odate), Odate FROM ORDERS GROUP BY Odate;
+-----+-----+
| count(Odate) | Odate       |
+-----+-----+
| 5            | 1990-10-03 |
| 2            | 1990-10-04 |
| 1            | 1990-10-05 |
| 2            | 1990-10-06 |
+-----+-----+
4 rows in set (0.00 sec)
```