

SQL Assignment – 7

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

-->

```
D5_Dhananjay_83761>select count(odate) from ORDERS
-> where odate='1990-10-03';
+-----+
| count(odate) |
+-----+
|           5 |
+-----+
1 row in set (0.00 sec)
```

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

-->

```
D5_Dhananjay_83761>select count(city) from CUSTOMERS
-> where city != 'null';
+-----+
| count(city) |
+-----+
|           7 |
+-----+
1 row in set (0.00 sec)
```

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

```
D5_Dhananjay_83761>select cnum,min(amt) from ORDERS
-> group by cnum
-> order by 1;
+-----+-----+
| cnum | min(amt) |
+-----+-----+
| 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.
-->

```
D5_Dhananjay_83761>select * from CUSTOMERS
-> where cname like 'G%';
+-----+-----+-----+-----+-----+
| cnum | cname | city | rating | snum |
+-----+-----+-----+-----+-----+
| 2002 | Giovanni | Rome | 200 | 1003 |
| 2004 | Grass | Barlin | 300 | 1002 |
+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)
```

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

-->

```
D5_Dhananjay_83761>select max(rating),city from CUSTOMERS
-> group by city;
```

```
+-----+-----+
| max(rating) | city      |
+-----+-----+
|          100 | London    |
|          200 | Rome      |
|          300 | San Jose  |
|          300 | Barlin    |
+-----+-----+
4 rows in set (0.00 sec)
```

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

-->

```
D5_Dhananjay_83761>select odate,count(snum) from ORDERS
-> group by odate;
```

```
+-----+-----+
| odate        | count(snum) |
+-----+-----+
| 1990-10-03   | 5           |
| 1990-10-04   | 2           |
| 1990-10-05   | 1           |
| 1990-10-06   | 2           |
+-----+-----+
4 rows in set (0.00 sec)
```