Assignment –4

Retrieving Information from Tables

1) Write a select command that produces the order number, amount, and date for all rows in the Orders table.

Ans. Select Onum, amt, Odate from orders;

```
D2_92810_Chaitanya>Select Onum, amt, Odate from orders;
+-------+---------+------------+
| Onum  | amt     | Odate      |
+-------+---------+------------+
| 3001  |   18.69 | 1990-10-03 |
| 3003  |  767.19 | 1990-10-03 |
| 3002  | 1900.10 | 1990-10-03 |
| 3005  | 5160.45 | 1990-10-03 |
| 3006  | 1098.16 | 1990-10-03 |
| 3009  | 1713.23 | 1990-10-04 |
| 3007  |   75.75 | 1990-10-04 |
| 3008  | 4723.00 | 1990-10-05 |
| 3010  | 1309.95 | 1990-10-06 |
| 3011  | 9891.88 | 1990-10-06 |
+-------+---------+------------+
10 rows in set (0.00 sec)
```

2) Write a query that produces all rows from the Customers table for which the salesperson's number is 1001.

Ans. Select * from customers where snum = 1001;

```
D2_92810_Chaitanya>Select * from customers where snum = 1001;
+------+---------+--------+--------+------+
| Cnum | Cname   | City   | Rating | Snum |
+------+---------+--------+--------+------+
| 2001 | Hoffman | London |    100 | 1001 |
| 2006 | Clemens | London |    100 | 1001 |
+------+---------+--------+--------+------+
2 rows in set (0.01 sec)
```

3) Write a query that displays the Salespeople table with the columns in the following order: city, sname, snum, comm.

Ans. Select city, sname, snum, comm from salespeople;

```
D2_92810_Chaitanya>Select city, sname, snum, comm from salespeople;
+-----------+---------+------+------+
| city      | sname   | snum | comm |
+-----------+---------+------+------+
| London    | Peel    | 1001 | 0.12 |
| San Jose  | Serres  | 1002 | 0.13 |
| London    | Motika  | 1004 | 0.11 |
| Barcelona | Rifkin  | 1007 | 0.15 |
| New York  | Axelrod | 1003 | 0.10 |
+-----------+---------+------+------+
5 rows in set (0.00 sec)
```

4) Write a select command that produces the rating followed by the name of each customer in San Jose.

Ans. Select rating, cname from customers where city = 'san jose';

```
D2_92810_Chaitanya> Select rating, cname from customers where city = 'san jo
se';
+--------+----------+
| rating | cname    |
+--------+----------+
|    200 | Liu      |
|    300 | Cisneros |
+--------+----------+
2 rows in set (0.01 sec)
```

5) Write a query that will produce the snum values of all salespeople (suppress the duplicates) with orders in the Orders table.

Ans. Select distinct snum from orders;

```
D2_92810_Chaitanya>Select distinct snum from orders;
+------+
| snum |
+------+
| 1007 |
| 1001 |
| 1004 |
| 1002 |
| 1003 |
+------+
5 rows in set (0.02 sec)
```