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.

```
mysql> 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 (0.03 sec)
```

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

```
mysql> 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 (0.00 sec)
```

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

```
mysql> 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 (0.01 sec)
```

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

```
mysql> select Cname, Rating from customers where City='San Jose';
+----------+--------+
| Cname    | Rating |
+----------+--------+
| Liu      |    200 |
| Cisneros |    300 |
+----------+--------+
2 rows in set (0.00 sec)
```

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

```
mysql> select distinct Snum from orders ;
+------+
| Snum |
+------+
| 1007 |
| 1001 |
| 1004 |
| 1002 |
| 1003 |
+------+
5 rows in set (0.03 sec)
```