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 |
|  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 |
+-------+---------+------------+
9 rows in set (0.00 sec)

mysql>
```

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 Sunum=1001;
ERROR 1054 (42S22): Unknown column 'Sunum' in 'where clause'
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)

mysql>
```

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  | Axelord | 1002 | 0.10 |
+-----------+---------+------+------+
5 rows in set (0.00 sec)

mysql>
```

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

```
mysql> select city,rating from CUSTOMERS where city = 'San Jose';
+----------+--------+
| city     | rating |
+----------+--------+
| San Jose |    200 |
| San Jose |    300 |
+----------+--------+
2 rows in set (0.00 sec)

mysql>
```

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 |
| 1002 |
| 1003 |
+------+
4 rows in set (0.00 sec)

mysql>
```