Assignment – 4

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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 as Order_Number,
    -> amt as Amount,
    -> Odate as Date
    -> from orders;
+--------------+---------+------------+
| Order_Number | Amount  | Date       |
+--------------+---------+------------+
|         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 |
+--------------+---------+------------+
```

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 (0.00 sec)
```

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

```
mysql>
mysql> select rating, cname from customers where city="San Jose";
+--------+----------+
| rating | cname    |
+--------+----------+
|    200 | Liu      |
|    300 | Cisneros |
+--------+----------+
```

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 (0.00 sec)
```