

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 |
| 3002 | 1900.10 | 1990-10-03 |
| 3003 | 767.19 | 1990-10-03 |
| 3005 | 5160.45 | 1990-10-03 |
| 3006 | 1098.16 | 1990-10-03 |
| 3007 | 75.75 | 1990-10-04 |
| 3008 | 4723.00 | 1990-10-05 |
| 3009 | 1713.23 | 1990-10-04 |
| 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.

```
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 (0.01 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  |
| New York  | Axelrod | 1003  | 0.10  |
| London    | Motika | 1004  | 0.11  |
| Barcelona | Rifkin | 1007  | 0.15  |
+-----+-----+-----+-----+
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> SELECT Rating, Cname
-> FROM Customers
-> WHERE City = 'San Jose';
+-----+-----+
| Rating | Cname  |
+-----+-----+
| 200    | Liu    |
| 300    | Cisneros |
+-----+-----+
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  |
+-----+
| 1001  |
| 1002  |
| 1003  |
| 1004  |
| 1007  |
+-----+
5 rows in set (0.01 sec)
```