

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	1309.98	1990-10-05
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 customer
-> where snum = 1001;

```
mysql> select * from customer
-> where snum = 1001;
```

Cnum	Cname	City	RATING	SNUM
2001	Hoffiman	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;
```

```
mysql> select city, sname, snum, comm  
-> from salespeople;  
+-----+-----+-----+-----+  
| city      | sname   | snum   | comm   |  
+-----+-----+-----+-----+  
| London    | Peel    | 1001   | 0.12   |  
| San Joes  | Serees  | 1002   | 0.13   |  
| London    | Motika  | 1003   | 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> select rating, cname  
-> from customer  
-> where city = 'San Jose';
```

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

```
mysql> select distinct snum  
-> from orders;  
+-----+  
| snum |  
+-----+  
| 1007 |  
| 1001 |  
| 1004 |  
| 1002 |  
| 1003 |  
+-----+  
5 rows in set (0.00 sec)
```