

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.

Ans: select Onum,Amt,Odate from ORDERS;

```
mysql> select Onum,Amt,Odate from ORDERS;
+-----+-----+-----+
| Onum | Amt   | Odate   |
+-----+-----+-----+
| 3001 | 18.69 | 03-Oct-1990 |
| 3003 | 767.19 | 03-Oct-1990 |
| 3002 | 1900.10 | 03-Oct-1990 |
| 3005 | 5160.45 | 03-Oct-1990 |
| 3006 | 1098.16 | 03-Oct-1990 |
| 3009 | 1713.23 | 04-Oct-1990 |
| 3007 | 75.75 | 04-Oct-1990 |
| 3008 | 4723.00 | 05-Oct-1990 |
| 3010 | 1309.95 | 06-Oct-1990 |
| 3011 | 9891.88 | 06-Oct-1990 |
+-----+-----+-----+
10 rows in set (0.06 sec)
```

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

Ans: 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 (0.02 sec)
```

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

Ans: 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.

Ans: 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.

Ans: select distinct snum from Orders;

snum
1007
1001
1004
1002
1003