

## Assignment 4

### Retrieving Information from Tables.

Name : Tejas Rajendra Patil

PRN: 250240520094

- 1) Write a select command that produces the order number, amount, and date for all rows in the Orders table.

```
mysql> select onum,amt,DATE_FORMAT(odate, '%d-%b-%Y') AS 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 (0.00 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 snum=1001;
```

Cnum	Cname	city	rating	Snum
2001	Hoffman	London	100	1001
2006	clemens	London	100	1001

```
2 rows in set (0.06 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 | Axelrod | 1003  | 0.10  |
+-----+-----+-----+-----+
5 rows in set (0.02 sec)

mysql> |
```

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

```
mysql> select cname,rating,city from customers where city='San Jose';
+-----+-----+-----+
| cname  | rating | city   |
+-----+-----+-----+
| Liu    | 200    | San Jose |
| Cisneros | 300    | San Jose |
+-----+-----+-----+
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 ,onum,amt,DATE_FORMAT(odate, '%d-%b-%Y') AS Odate,cnum from orders;
```

snum	onum	amt	Odate	cnum
1007	3001	18.69	03-Oct-1990	2008
1001	3003	767.19	03-Oct-1990	2001
1004	3002	1900.10	03-Oct-1990	2007
1002	3005	5160.45	03-Oct-1990	2003
1007	3006	1098.16	03-Oct-1990	2008
1003	3009	1713.23	04-Oct-1990	2002
1002	3007	75.75	04-Oct-1990	2004
1001	3008	4723.00	05-Oct-1990	2006
1002	3010	1309.95	06-Oct-1990	2004
1001	3011	9891.88	06-Oct-1990	2006

```
10 rows in set (0.02 sec)
```

```
mysql> |
```