# 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;

```
+------+---------+------------+
| 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 | 1309.95 | 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.

Ans:

    select * from customers where snum = 1001;

```
+------+---------+--------+--------+------+
| cnum | cname   | city   | rating | snum |
+------+---------+--------+--------+------+
| 2001 | Hoffman | London |    100 | 1001 |
| 2006 | Clemens | London |    100 | 1001 |
+------+---------+--------+--------+------+
```

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

Ans:

    select city,sname,comm from salespeople;

```
+-----------+---------+------+
| city      | sname   | comm |
+-----------+---------+------+
| London    | Peel    | 0.12 |
| San Jose  | Serres  | 0.13 |
```

```
| London    | Motika  | 0.11 |
| Barcelona | Rifkin  | 0.15 |
| New York  | Axelrod | 0.10 |
+-----------+---------+------+
```

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

        select cname,rating from customers where city = 'San Jose';

```
+----------+--------+
| cname    | rating |
+----------+--------+
| Liu      |    200 |
| Cisneros |    300 |
+----------+--------+
```

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 |
+------+
```