***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 : **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 | 1309.95 | 1990-10-06 |**

**| 3011 | 9891.88 | 1990-10-06 |**

**+------+---------+------------+**

1. Write a query that produces all rows from the Customers table for which the salesperson’s number is 1001.

**Ans :**

**ELECT \***

**-> FROM customers**

**-> WHERE Snum = 1001;**

**+------+---------+--------+--------+------+**

**| Cnum | Cname | City | Rating | Snum |**

**+------+---------+--------+--------+------+**

**| 2001 | Rahul | Pune | 100 | 1001 |**

**| 2004 | Isha | Pune | 250 | 1001 |**

**| 2001 | Hoffman | London | 100 | 1001 |**

**| 2006 | Clemens | London | 100 | 1001 |**

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

**Ans :**

**mysql> select city,sname,snum,comm from salespeople;**

**+-----------+---------+------+------+**

**| city | sname | snum | comm |**

**+-----------+---------+------+------+**

**| Pune | Amit | 1001 | 0.15 |**

**| Mumbai | Sneha | 1002 | 0.20 |**

**| Delhi | Raj | 1003 | 0.13 |**

**| Chennai | Meera | 1004 | 0.12 |**

**| Pune | Vikram | 1005 | 0.18 |**

**| 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 |**

**| 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 |**

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

**Ans : mysql> select rating, cname from customers where city = 'San Jose';**

**+--------+----------+**

**| rating | cname |**

**+--------+----------+**

**| 200 | Liu |**

**| 300 | Cisneros |**

**+--------+----------+**

1. 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;**