**ASSIGNMENT – 5**

**1) select \* from orders where amt>1000;**

**2)select Sname , city from salespeople where city='London' and comm>'.10';**

**3) select Cname from customers where rating>100 or city='Rome';**

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

**| Cname |**

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

**| Hoffman |**

**| Giovanni |**

**| Liu |**

**| Grass |**

**| Cisneros |**

**| Persia |**

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

**4) select \* from orders where**

**-> (amt < 1000 OR**

**-> NOT( Odate='1990-10-03' and cnum > 2003));**

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

**| Onum | Amt | Odate | Cnum | Snum |**

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

**| 3001 | 18.69 | 1990-10-03 | 2008 | 1007 |**

**| 3003 | 767.19 | 1990-10-03 | 2001 | 1001 |**

**| 3005 | 5160.45 | 1990-10-03 | 2003 | 1002 |**

**| 3009 | 1713.23 | 1990-10-04 | 2002 | 1003 |**

**| 3007 | 75.75 | 1990-10-04 | 2004 | 1002 |**

**| 3008 | 4723.00 | 1990-10-05 | 2006 | 1001 |**

**| 3010 | 1309.95 | 1990-10-06 | 2004 | 1002 |**

**| 3011 | 9891.88 | 1990-10-06 | 2006 | 1001 |**

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

**8 rows in set (0.00 sec)**

**The not operator reverse the ouput ........if the condition is true , it does ===> false and if the condition is false it does ==> true;**

**And reverse the given condition < ==> >**

**5) Select \* from orders where NOT**

**-> (( Odate = '1990-10-03' OR Snum > 1006 )**

**-> And amt >=1500);**

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

**| Onum | Amt | Odate | Cnum | Snum |**

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

**| 3001 | 18.69 | 1990-10-03 | 2008 | 1007 |**

**| 3003 | 767.19 | 1990-10-03 | 2001 | 1001 |**

**| 3006 | 1098.16 | 1990-10-03 | 2008 | 1007 |**

**| 3009 | 1713.23 | 1990-10-04 | 2002 | 1003 |**

**| 3007 | 75.75 | 1990-10-04 | 2004 | 1002 |**

**| 3008 | 4723.00 | 1990-10-05 | 2006 | 1001 |**

**| 3010 | 1309.95 | 1990-10-06 | 2004 | 1002 |**

**| 3011 | 9891.88 | 1990-10-06 | 2006 | 1001 |**

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

**8 rows in set (0.00 sec)**

**6) Select \* from salespeople;**

**=====================================================================================**

**1)Write two different queries that would produce all orders taken on October 3rd or 4th, 1990.**

**select \* from orders where Odate >= '1990-10-3' and odate <= '1990-10-4';**

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

**| Onum | Amt | Odate | Cnum | Snum |**

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

**| 3001 | 18.69 | 1990-10-03 | 2008 | 1007 |**

**| 3003 | 767.19 | 1990-10-03 | 2001 | 1001 |**

**| 3002 | 1900.10 | 1990-10-03 | 2007 | 1004 |**

**| 3005 | 5160.45 | 1990-10-03 | 2003 | 1002 |**

**| 3006 | 1098.16 | 1990-10-03 | 2008 | 1007 |**

**| 3009 | 1713.23 | 1990-10-04 | 2002 | 1003 |**

**| 3007 | 75.75 | 1990-10-04 | 2004 | 1002 |**

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

**7 rows in set (0.00 sec)**

**select \* from orders where Odate between '1990-10-3' and '1990-10-4';**

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

**| Onum | Amt | Odate | Cnum | Snum |**

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

**| 3001 | 18.69 | 1990-10-03 | 2008 | 1007 |**

**| 3003 | 767.19 | 1990-10-03 | 2001 | 1001 |**

**| 3002 | 1900.10 | 1990-10-03 | 2007 | 1004 |**

**| 3005 | 5160.45 | 1990-10-03 | 2003 | 1002 |**

**| 3006 | 1098.16 | 1990-10-03 | 2008 | 1007 |**

**| 3009 | 1713.23 | 1990-10-04 | 2002 | 1003 |**

**| 3007 | 75.75 | 1990-10-04 | 2004 | 1002 |**

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

**7 rows in set (0.00 sec)**

**2)**

**3)select \* from customers where**

**-> cname like 'A%' or cname like 'B%' or cname like 'C%' or cname like 'D%' or cname like 'E%' or cname like 'F%'or cname like 'G%';**

**Or**

**mysql> SELECT \* FROM customers**

**-> WHERE cname >= 'A' AND cname < 'H';**

**4) Write a query that will produce all the customers whose names begin with a letter from ‘A’ to ‘G’**

**select \* from customers where cname like 'C%';**