***Assignment –6***

**Using Special Operators in Conditions.**

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

**Query :-** **> select \* from orders**

**-> where Odate='1990-10-03'**

**-> OR Odate= '1990-10-04';**

+------+---------+------------+------+----------+

| 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 |

+------+---------+------------+------+-----------+

**Query 2 :- select \* from orders**

**where Odate In ('1990-10-03', '1990-10-04');**

+------+---------+------------+------+----------+

| 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 |

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1. Write a query that selects all of the customers serviced by Peel or Motika. (Hint: the snum field relates the two tables to one another).

**Query 2 :- mysql> select \* from customers**

**-> where Snum IN(**

**-> select Snum from salespeople**

**-> where Sname='peel'or Sname='motika');**

+------+---------+--------+--------+------+

| Cnum | Cname | City | Rating | Snum |

+------+---------+--------+--------+------+

| 2002 | Meera | London | 200 | 1001 |

| 2001 | Hoffman | London |100 | 1001 |

| 2006 | Clemens | London | 100 | 1001 |

| 2007 | Pereira | Rome | 100 | 1004 |

+------+---------+--------+--------+---------+

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

**Query 2 :- select \* from customers**

**-> where Cname between 'A' and 'Gz';**

+------+----------+----------+--------+------+

| Cnum | Cname | City | Rating | Snum |

+------+----------+----------+--------+------+

| 2002 | Giovanni | Rome | 200 | 1003 |

| 2004 | Grass | Berlin | 300 | 1002 |

| 2006 | Clemens | London | 100 | 1001 |

| 2008 | Cisneros | San Jose | 300 | 1007 |

+------+----------+----------+--------+------+

1. Write a query that selects all customers whose names begin with the letter ‘C’.

**Query 2 :-** select \* from customers

where Cname like 'C%';

+------+----------+----------+--------+---------+

| Cnum | Cname | City | Rating | Snum |

+------+----------+----------+--------+---------+

| 2006 | Clemens | London | 100 | 1001 |

| 2008 | Cisneros | San Jose | 300 | 1007 |

+------+----------+----------+--------+---------+

1. Write a query that selects all orders except those with zeroes or NULLs in the amt field.

**Query :-select \* from orders**

**where amt!='null' and amt!='0';**

+------+---------+------------+------+----------+

| 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 |

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

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

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

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