

## Assignment –6

### Using Special Operators in Conditions.

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

➔ mysql> SELECT \*

-> FROM ORDERS

-> WHERE Odate = '1990-10-03' OR Odate = '1990-10-04';

```
mysql> 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

7 rows in set (0.00 sec)

- 2) 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).

➔ mysql> select \* from CUSTOMERS

-> where Snum IN

-> (select Snum from SALESPeOPLE where Sname= 'Peel' or Sname = 'Motika');

```
mysql> select * from CUSTOMERS
-> where Snum IN
-> (select Snum from SALESPeOPLE where Sname= 'Peel' or Sname = 'Motika');
```

Cnum	Cname	City	Rating	Snum
2001	Hoffman	London	100	1001
2006	Clemen	London	100	1001
2007	Pereira	Rome	100	1004

3 rows in set (0.00 sec)

3) Write a query that selects all customers whose names begin with the letter 'C'.

➔ mysql> SELECT Cname

-> FROM CUSTOMERS

-> WHERE Cname LIKE 'C%';

```
mysql> SELECT Cname
-> FROM CUSTOMERS
-> WHERE Cname LIKE 'C%';
+-----+
| Cname |
+-----+
| Clemen |
| Cisneros |
+-----+
2 rows in set (0.00 sec)
```

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

➔ mysql> SELECT \*

-> FROM ORDERS

-> WHERE Amt IS NOT NULL

-> AND Amt != 0;

```
mysql> SELECT *
-> FROM ORDERS
-> WHERE Amt IS NOT 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 |
+-----+-----+-----+-----+-----+
10 rows in set (0.00 sec)
```