

Assignment –6

Using Special Operators in Conditions.

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

Ans: i)select * from Orders where Odate='04-10-1990'or Odate='03-10-1990';

ii)select * from Orders where Odate in ('03-10-1990', '04-10-1990');

```
mysql> select * from orders where odate='1990-10-04' or odate='1990-10-03';
```

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)

```
mysql> select * from orders where odate in ('1990-10-04','1990-10-03');
```

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 (0.01 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).

Ans: select * from customers where Snum in ('1001','1004');

```
mysql> select * from customers where Snum in ('1001','1004');
```

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

```
3 rows in set (0.00 sec)
```

3) Write a query that will produce all the customers whose names begin with a letter from 'A' to 'G'.

Ans: select * from customers where Cname like 'A%' or Cname like 'G%';

```
mysql> select * from customers where cname like 'A%' or cname like 'G%';
```

Cnum	Cname	City	Rating	Snum
2002	Giovanni	Rome	200	1003
2004	Grass	Berlin	300	1002

```
2 rows in set (0.00 sec)
```

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

Ans: select * from customers where Cname like 'C%';

```
mysql> select * from customers where cname like 'C%';
```

Cnum	Cname	City	Rating	Snum
2006	Clemens	London	100	1001
2008	Cisneros	San Jose	300	1007

```
2 rows in set (0.00 sec)
```

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

Ans: select * from orders where amt <> 0 and amt is not null;

```
mysql> select * from orders where amt <> 0 and amt is not null;
```

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)
```