

Assignment –6 Using Special Operators in Conditions.

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

```
D2_92814_Krushna>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	1007
3003	1900.10	1990-10-03	2007	1004
3005	5160.45	1990-10-03	2008	1007
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	1990-10-04	2006	1001

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

```
D2_92814_Krushna>select * from Orders where Odate between '1990-10-03' and '1990-10-04' ;
```

Onum	Amt	Odate	Cnum	Snum
3001	18.69	1990-10-03	2008	1007
3003	767.19	1990-10-03	2001	1007
3003	1900.10	1990-10-03	2007	1004
3005	5160.45	1990-10-03	2008	1007
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	1990-10-04	2006	1001

```
8 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).

```
D2_92814_Krushna>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	Clemens	London	100	1001
2008	Pereira	Rome	100	1004

```
3 rows in set (0.04 sec)
```

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

```
D2_92814_Krushna>Select * from Customers where Cname >= 'A' and
Cname < 'H' ;
```

Cnum	Cname	City	Rating	Snum
2002	Giovanni	Rome	200	1003
2004	Grass	Berlin	300	1002
2006	Clemens	London	100	1001

3 rows in set (0.00 sec)

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

```
D2_92814_Krushna>Select * from Customers where Cname like 'C%';
```

Cnum	Cname	City	Rating	Snum
2006	Clemens	London	100	1001

1 row in set (0.00 sec)

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

(First need to Insert row which contains Amt as Null

O/p ->

```
D2_92814_Krushna>select * from Orders ;
```

Onum	Amt	Odate	Cnum	Snum
3001	18.69	1990-10-03	2008	1007
3003	767.19	1990-10-03	2001	1007
3003	1900.10	1990-10-03	2007	1004
3005	5160.45	1990-10-03	2008	1007
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	1990-10-04	2006	1001
3010	1309.95	1990-10-06	2004	1002
3011	9891.88	1990-10-06	2006	1001
3020	NULL	1990-10-04	2002	1003

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

```
D2_92814_Krushna>Select * from Orders where Amt is NOT NULL or Amt = 0;
```

Onum	Amt	Odate	Cnum	Snum
3001	18.69	1990-10-03	2008	1007
3003	767.19	1990-10-03	2001	1007
3003	1900.10	1990-10-03	2007	1004
3005	5160.45	1990-10-03	2008	1007
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	1990-10-04	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)
```