

Assignment –6

Using Special Operators in Conditions.

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

```
KD3_87023_Abhishek@>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
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

8 rows in set (0.00 sec)

```
KD3_87023_Abhishek@>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
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

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).

```
KD3_87023_Abhishek@>select * from salespeople;
```

Snum	Sname	City	Comm
1001	Peel	London	0.12
1002	Serres	San Jose	0.13
1004	Motika	London	0.11
1007	Rifkin	Barcelona	0.15
1003	Axelrod	New York	0.10

5 rows in set (0.00 sec)

```
KD3_87023_Abhishek@>select * from customers where snum=1001 or snum=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'.

```
KD3_87023_Abhishek@>select * from customers where cname between 'A%' and 'G%';
+-----+-----+-----+-----+-----+
| Cnum | Cname   | City   | Rating | Snum |
+-----+-----+-----+-----+-----+
| 2006 | Clemens | London | 100    | 1001 |
| 2008 | Cisneros | San Jose | 300    | 1007 |
+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)

KD3_87023_Abhishek@>
```

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

```
KD3_87023_Abhishek@>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.

```
KD3_87023_Abhishek@>select * from orders where amt is not null;
+-----+-----+-----+-----+-----+
| Onum | Amt     | Odate   | Cnum | Snum |
+-----+-----+-----+-----+-----+
| 3001 | 18.69   | 1990-10-03 | 2008 | 1007 |
| 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 |
+-----+-----+-----+-----+-----+
11 rows in set (0.00 sec)
```