<u>Assignment – 6</u> Using Special Operators in Conditions.

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

```
W2_93085_Tejal select *from orders
    -> where odate='1990-10-03'
                                  or odate='1990-10-04';
 Onum
         Amt
                    Odate
                                          Snum
                                  Cnum
  3001
           18.69
                    1990-10-03
                                  2008
                                          1007
          767.19
  3003
                                  2001
                    1990-10-03
                                          1001
         1900.10
  3002
                    1990-10-03
                                  2007
                                          1004
         5160.45
  3005
                    1990-10-03
                                  2003
                                          1002
         1098.16
  3006
                                  2008
                    1990-10-03
                                          1007
  3009
         1713.23
                    1990-10-04
                                  2002
                                          1003
  3007
           75.75
                    1990-10-04
                                  2004
                                          1002
7 rows in set (0.00 sec)
W2_93085_Tejal select *from orders
    -> where odate in ('1990-10-03','1990-10-04');
                    Odate
 Onum |
        Amt
                                  Cnum
                                          Snum
           18.69
  3001
                    1990-10-03
                                  2008
                                          1007
  3003
          767.19
                                  2001
                    1990-10-03
                                          1001
  3002
         1900.10
                    1990-10-03
                                  2007
                                          1004
  3005
         5160.45
                    1990-10-03
                                  2003
                                          1002
         1098.16
  3006
                                  2008
                    1990-10-03
                                          1007
         1713.23
  3009
                    1990-10-04
                                  2002
                                          1003
  3007
           75.75
                    1990-10-04
                                  2004
                                          1002
7 rows in set (0.00 sec)
```

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).

W2_93085_Tejal select *from customers;					
Cnum Cname	City	Rati	ng	Snum	† -
2001 Hoffman 2002 Giovanni 2003 Liu 2004 Grass 2006 Clemens 2008 Cisneros 2007 Pereira	London Rome San_Jos Berlin London San_Jos Rome	se 20 30 10 30	00 00 00 00 00 00	1001 1003 1002 1002 1001 1007	
++ 7 rows in set (0.00 sec) W2_93085_Tejal select *from customers -> where snum in ('1001','1004');					
Cnum Cname	City	Rating	Sr	num	
2001 Hoffman 2006 Clemens 2007 Pereira	London London Rome	100 100 100	10	001 001 004	
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'.

W2_93085_Tejal sel	ect * from (customers	;			
Cnum	City -+	Rating	Snum			
2001 Hoffman 2002 Giovanni 2003 Liu 2004 Grass 2006 Clemens 2008 Cisneros 2007 Pereira 	London Rome San_Jose Berlin London San_Jose Rome Rome	100 200 200 300 100 300 100	1001 1003 1002 1002 1001 1007 1004			
W2_93085_Tejal select * from customers -> where cname between 'A' and 'H';						
Cnum Cname	City	Rating	Snum			
2002 Giovanni 2004 Grass 2006 Clemens 2008 Cisneros	Rome Berlin London San_Jose	200 300 100 300	1003 1002 1001 1007			
4 rows in set (0.00 sec)						

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

W2_93085_Tejal select *from customers;					
Cnum	Cname	City	Rating	Snum	
2001 2002 2003 2004 2006 2008 2007	Hoffman Giovanni Liu Grass Clemens Cisneros Pereira	London Rome San_Jose Berlin London San_Jose Rome	100 200 200 300 100 300	1001 1003 1002 1002 1001 1007 1004	
7 rows in set (0.00 sec) W2_93085_Tejalselect *from customers -> where cname like 'c%';					
Cnum	Cname	City	Rating	Snum	
2006 2008	Clemens Cisneros	London San_Jose	100 300	1001 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.

	W2_93085_Tejal select *from orders					
->	where 	amt is not nu	ıll or a	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		
W2_93085_Tejal SELECT * FROM Orders -> WHERE Amt IS NOT NULL AND Amt <> 0;						
Onum			 	++		
+	Amt	Odate	Cnum	+ Snum		
3001	Amt 18.69	Odate 1990-10-03	 Cnum 	+ Snum + 1007		
						
 3001	18.69	1990-10-03	2008	1007		
+ 3001 3003	18.69 767.19	1990-10-03 1990-10-03	2008 2001	 1007 1001		
+ 3001 3003 3002	18.69 767.19 1900.10	1990-10-03 1990-10-03 1990-10-03	2008 2001 2007	1007 1001 1004		
+ 3001 3003 3002 3005	18.69 767.19 1900.10 5160.45	1990-10-03 1990-10-03 1990-10-03 1990-10-03	2008 2001 2007 2003	1007 1001 1004 1002		
+ 3001 3003 3002 3005 3006	18.69 767.19 1900.10 5160.45 1098.16	1990-10-03 1990-10-03 1990-10-03 1990-10-03 1990-10-03	2008 2001 2007 2003 2008	1007 1001 1004 1002 1007		
+ 3001 3003 3002 3005 3006 3009	18.69 767.19 1900.10 5160.45 1098.16	1990-10-03 1990-10-03 1990-10-03 1990-10-03 1990-10-03 1990-10-04	2008 2001 2007 2003 2008 2002	1007 1001 1004 1002 1007 1003		
+ 3001 3003 3002 3005 3006 3009 3007	18.69 767.19 1900.10 5160.45 1098.16 1713.23	1990-10-03 1990-10-03 1990-10-03 1990-10-03 1990-10-03 1990-10-04	2008 2001 2007 2003 2008 2002 2004	1007 1001 1004 1002 1007 1003 1002		
3001 3003 3002 3005 3006 3009 3007 3008	18.69 767.19 1900.10 5160.45 1098.16 1713.23 75.75 4723.00	1990-10-03 1990-10-03 1990-10-03 1990-10-03 1990-10-04 1990-10-04 1990-10-05	2008 2001 2007 2003 2008 2002 2004 2006	1007 1001 1004 1002 1007 1003 1002		