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');

			- 1					14000 40 4
mysql> :	select * fi	rom orders who	ere odat	te='199	9-10-04	or	odate=	1990-10-6
l Onum	 Amt	 Odate	 Cnum	 Snum	r I			
	Allic	Odace 	CITAIII	5114111 	! ⊦			
3001	18.69	1990-10-03	2008	1007	i			
3003	767.19	1990-10-03	2001	1001	İ			
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 (0.0	90 sec)						
7 rows :	in set (0.0	90 sec)						
		90 sec) rom orders who	ere odat	te in ('1990-10	9-04	','1990	-10-03');
		rom orders who	+	+	+	9-04	','1990 [.]	-10-03');
	select * f:	rom orders who	ere odat + Cnum	+	+	9-04	','1990	-10-03');
mysql> : + Onum +	select * f: + Amt +	rom orders who	 Cnum 	 Snum 	+	9-04	','1990	-10-03');
mysql> : + Onum + 3001	select * fr + Amt + 18.69	rom orders who Odate 1990-10-03	 Cnum 	 Snum 1007	+	9-04	','1990	-10-03');
mysql> : Onum 3001 3003	select * f + Amt + 18.69 767.19	rom orders who Odate 1990-10-03 1990-10-03	 Cnum 2008 2001	 Snum 1007 1001	+	9-04	','1990	-10-03');
mysql> : + Onum + 3001 3003 3002	select * fr +	rom orders who 	Cnum Cnum 2008 2001 2007	Snum Snum 1007 1001 1004	+	9-04	','1990	-10-03');
mysql> : Onum 3001 3003	select * fr +	rom orders who Odate 1990-10-03 1990-10-03	Cnum 2008 2001 2007	 Snum 1007 1001	+	9-04	','1990	-10-03');
mysql> : + Onum + 3001 3003 3002	select * fr +	rom orders who have a second order orders a second order orders and have a second order orders a second order	Cnum Cnum 2008 2001 2007	Snum Snum 1007 1001 1004	+	9-04	','1990	-10-03');
mysql> : Onum 3001 3003 3002 3005	select * fr +	rom orders who +	Cnum 2008 2001 2007	Snum Snum 1007 1001 1004 1002	+	9-04	','1990	-10-03');
mysql> : Onum 3001 3003 3002 3005 3006	select * fr +	rom orders who have a second order orders a second order orders and have a second order orders a second order	Cnum Cnum 2008 2001 2007 2003 2008	Snum Snum 1007 1001 1004 1002 1007	+	9-04	','1990	-10-03');
mysql> : Onum 3001 3003 3002 3005 3006 3009 3007	select * fr +	rom orders who 	Cnum Cnum 2008 2001 2007 2003 2008 2002	Snum 1007 1001 1004 1002 1007 1003	+	9-04	','1990	-10-03');

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');
         Cname
                  | City
                            Rating |
                                      Snum
 2001
         Hoffman
                   London
                                100
                                      1001
 2006
         Clemens
                   London
                                100
                                      1001
 2007
         Pereira
                   Rome
                                100
                                      1004
 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%';

```
mysgl> select * from customers where cname like 'A%' or cname like 'G%';
                    City
                             Rating
         Cname
                                       Snum
  2002
         Giovanni
                    Rome
                                 200
                                       1003
                    Berlin
  2004
         Grass
                                 300
                                       1002
 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%';

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	0date	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)									