

SQL Assignment – 6

Using Special Operators in Conditions.

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

```
sunbeam@sunbeam-HP-Notebook: ~  
D1_Prajakta_83867>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 | 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)  
  
D1_Prajakta_83867>select * from ORDERS where Odate in ('1990-10-03','1990-10-04');  
+-----+-----+-----+-----+-----+  
| 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 (0.06 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).

```
D1_Prajakta_83867>SELECT * FROM SALESPEOPLE where snum in (1001,1004);  
+-----+-----+-----+-----+  
| Snum | Sname | City   | Comm |  
+-----+-----+-----+-----+  
| 1001 | Peel  | London | 0.12 |  
| 1004 | Motika | London | 0.11 |  
+-----+-----+-----+-----+  
2 rows in set (0.00 sec)  
  
D1_Prajakta_83867>SELECT * FROM SALESPEOPLE;
```

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

```
D1_Prajakta_83867>SELECT * FROM CUSTOMER 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 (0.33 sec)

D1_Prajakta_83867>
```

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

```
5 rows in set (0.00 sec)

D1_Prajakta_83867>SELECT * FROM CUSTOMER 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)

D1_Prajakta_83867>
```

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

```
+-----+-----+-----+-----+-----+
2 rows in set (0.33 sec)

D1_Prajakta_83867>SELECT * FROM ORDERS WHERE Amt not in(null,0);
Empty set (0.04 sec)

D1_Prajakta_83867>
```