

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.

Ans:

```
W1_83926_Vaibhavi>select * from Orders where Odate='1990-10-03';
+-----+-----+-----+-----+-----+
| 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 |
+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)

W1_83926_Vaibhavi>select * from Orders where Odate='1990-10-04';
+-----+-----+-----+-----+-----+
| Onum | Amt      | Odate      | Cnum | Snum |
+-----+-----+-----+-----+-----+
| 3009 | 1713.23  | 1990-10-04 | 2002 | 1003 |
| 3007 | 75.75    | 1990-10-04 | 2004 | 1002 |
+-----+-----+-----+-----+-----+
2 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).

Ans:

```
W1_83926_Vaibhavi>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 |
| 2007 | Pereira  | Rome    | 100    | 1004 |
+-----+-----+-----+-----+-----+
3 rows in set (0.13 sec)
```

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

Ans:

```
W1_83926_Vaibhavi>select * from Customers where Cname>='A' and Cname<='G';
+-----+-----+-----+-----+-----+
| Cnum | Cname   | City    | Rating | Snum |
+-----+-----+-----+-----+-----+
| 2006 | Clemens | London  | 100    | 1001 |
| 2008 | Cisneros | San Jose | 300    | 1007 |
+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)
```

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

Ans:

```
W1_83926_Vaibhavi>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.

Ans:

```
W1_83926_Vaibhavi>select * from Orders where Amt!=0 OR Amt!=Null;
+-----+-----+-----+-----+-----+
| 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 |
+-----+-----+-----+-----+-----+
10 rows in set (0.00 sec)
```

