

Vatsal Mishra
D-4
83889

Assignment – 6

Using Special Operators in Conditions.

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

```
D4_Vatsal_83889>Select * from Orders where odate = '1990-10-03' or 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	1098.96	1990-10-03	2008	1007
3010	1309.95	1990-10-03	2004	1002

```
6 rows in set (0.00 sec)
```

```
D4_Vatsal_83889>
```

```
D4_Vatsal_83889>select * from Orders where Odate in('1990-10-3','1990-10-4');
```

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	1098.96	1990-10-03	2008	1007
3009	1713.23	1990-10-04	2002	1003
3007	75.75	1990-10-04	2004	1002
3010	1309.95	1990-10-03	2004	1002

```
8 rows in set (0.00 sec)
```

```
D4_Vatsal_83889>
```

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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).

```
D4_Vatsal_83889>SELECT c.* FROM Customers c JOIN SALESPEOPLE s ON c.snum = s.snum WHERE s.sname = 'Peel' OR s.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 (0.00 sec)

```
D4_Vatsal_83889>
```

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

```
D4_Vatsal_83889>select * from Customers where Cname >= 'A' and Cname <'H';
```

Cnum	Cname	City	Rating	Snum
2002	Giovanni	Rome	200	1003
2004	Grass	Berlin	300	1002
2006	Clemens	London	100	1001
2008	Cisneros	San Jose	300	1007

4 rows in set (0.00 sec)

```
D4_Vatsal_83889>
```

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

```
ERROR 1116 (12902): Table 'EmployeeCustomers' doesn't exist
D4_Vatsal_83889>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)

D4_Vatsal_83889>
```

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

```
D4_Vatsal_83889>select * from Orders where amt != 'Null' or 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 | 1098.96 | 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 | 2007 | 1001 |
| 3010 | 1309.95 | 1990-10-03 | 2004 | 1002 |
| 3011 | 9891.88 | 1990-10-06 | 2006 | 1001 |
+-----+-----+-----+-----+-----+
10 rows in set, 1 warning (0.00 sec)

D4_Vatsal_83889>
```