

Assignment –6

Using Special Operators in Conditions.

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

```
select * from orders where Odate= '1990-10-3' or Odate= '1990-10-4';
```

```
select * from orders where Odate between '1990-10-3' and '1990-10-4';
```

```
D3_92972_Shubham>select * from orders where Odate between '1990-10-3' and '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 | 1098.16 | 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)

D3_92972_Shubham>
```

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).

Peel Snum is 1001 and Motika Snum is 1004. Hence query will be

```
Select * from customers where Snum = 1001 or Snum = 1004;
```

```
D3_92972_Shubham>Select * from customers where Snum = 1001 or Snum = 1004;
+-----+-----+-----+-----+-----+
| 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)

D3_92972_Shubham>_
```

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

select * from customers where cname >= 'A' and cname<='H';

```
D3_92972_Shubham>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)

D3_92972_Shubham>_
```

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

select * from customers where cname >= 'C' and cname<'D';

select * from customers where cname like 'C%';

```
D3_92972_Shubham>select * from customers where cname >= 'C' and cname<'D';
+-----+-----+-----+-----+-----+
| Cnum | Cname   | City    | Rating | Snum |
+-----+-----+-----+-----+-----+
| 2006 | Clemens  | London  | 100    | 1001 |
| 2008 | Cisneros | San Jose | 300    | 1007 |
+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)

D3_92972_Shubham>_
```

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

Select * from orders where Amt not like '%0%';

Or

Select * from orders where amt != NULL or amt !=0;

```
D3_92972_Shubham>Select * from orders where Amt not like '%0%';
+-----+-----+-----+-----+-----+
| Onum | Amt     | Odate   | Cnum | Snum |
+-----+-----+-----+-----+-----+
| 3001 | 18.69   | 1990-10-03 | 2008 | 1007 |
| 3003 | 767.19  | 1990-10-03 | 2001 | 1001 |
| 3009 | 1713.23 | 1990-10-04 | 2002 | 1003 |
| 3007 | 75.75   | 1990-10-04 | 2004 | 1002 |
| 3011 | 9891.88 | 1990-10-06 | 2006 | 1001 |
+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)

D3_92972_Shubham>_
```