

Assignment –6

Using Special Operators in Conditions.

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

Query 1:

```
select * from orders
```

```
-> where Odate = '1990-10-03' or Odate = '1990-10-04';
```

```
D3_93025_Omkar>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

Query 2:

```
select * from orders
```

```
-> where Odate between '1990-10-03' and '1990-10-04';
```

```
D3_93025_Omkar>select * from orders
-> where Odate between '1990-10-03' and '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

- 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).

Query:

```
select * from customers
```

```
-> where Snum = 1001 or Snum = 1004;
```

```
D3_93025_Omkar>select * from customers
-> where Snum = 1001 or Snum = 1004;
```

Cnum	Cname	City	Rating	Snum
2001	Hoffman	London	100	1001
2006	Clemens	London	100	1001
2008	Cisneros	San Jose	300	1004

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

QUERY:

```
select * from customers
```

```
-> where Cname >= 'A' and Cname <= 'H';
```

```
D3_93025_Omkar>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	1004

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

QUERY:

```
SELECT * FROM CUSTOMERS
```

```
-> WHERE CNAME LIKE 'C%';
```

```
D3_93025_Omkar>SELECT * FROM CUSTOMERS
-> WHERE CNAME LIKE 'C%'
-> ;
```

Cnum	Cname	City	Rating	Snum
2006	Clemens	London	100	1001
2008	Cisneros	San Jose	300	1004

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

Query

```
select * from orders
-> where Amt not like '0%' or Amt != null;
```

```
D3_93025_Omkar>select * from orders
-> where Amt not like '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