

Assignment –6

Introducing Relational Databases

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

```
W2_93033_Anupam>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

6 rows in set (0.00 sec)

```
W2_93033_Anupam>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

6 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).

```
W2_93033_Anupam>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)

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

```
w2_93033_Anupam>select * from Customers
-> where Cname between 'a' and 'g' or Cname LIKE 'g%';
```

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

4 rows in set (0.00 sec)

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

```
w2_93033_Anupam>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.

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```
W2_93033_Anupam>select * from Orders  
-> where Amt!=0 Or 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	1990-10-05	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)
```