## Assignment 6

## MySQL

## Database technologies

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

```
W1_86802_Aman>select * from orders where odate>='1990-10-03' and odate<='1990-10-04';
  Onum
                    0date
                                 Cnum |
                                         Snum
                    1990-10-03
           18.69
  3001
                                  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
                    1990-10-03
         1098.16
                                         1007
                                  2008
  3009
         1713.23
                    1990-10-04
                                  2002
                                         1003
                    1990-10-04
  3007
           75.75
                                  2004
                                         1002
  rows in set (0.00 sec)
W1_86802_Aman>select * from orders where odate between '1990-10-03 and '1990-10-04';
W1_86802_Aman>select * from orders where odate between '1990-10-03' and '1990-10-04';
  Onum
         Amt
                    0date
                                 Cnum
                                         Snum
                                         1007
  3001
           18.69
                    1990-10-03
                                  2008
          767.19
  3003
                    1990-10-03
                                  2001
                                         1001
                    1990-10-03
                                  2007
                                         1004
  3002
         1900.10
  3005
         5160.45
                    1990-10-03
                                  2003
                                         1002
  3006
         1098.16
                    1990-10-03
                                  2008
                                         1007
  3009
         1713.23
                    1990-10-04
                                  2002
                                         1003
                    1990-10-04
           75.75
  3007
                                  2004
                                         1002
  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).

```
W1_86802_Aman>select * from customers where snum in(1001,1004);
                   City
                             Rating
                                       Snum
  Cnum
         Cname
         Hoffman
                    london
  2001
                                 100
                                       1001
  2006
         Clemens
                    London
                                 100
                                       1001
  2007
         Pereira
                    Rome
                                 100
                                       1004
 rows in set (0.00 sec)
```

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

```
W1_86802_Aman>select * from customers where cname >='A' and cname<'H';
         Cname
                   | City
                               Rating
  Cnum
                                          Snum
  2002
         Giovanni
                     Rome
                                   200
                                          1003
                                          1002
  2002
                     Berlin
                                   300
         Grass
  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'.

```
W1_86802_Aman>select * from customers where cname like 'C%';
        Cname
                   | City
                              | Rating |
 Cnum
                                         Snum
                    London
  2006
         Clemens
                                   100
                                         1001
  2008
         Cisneros
                     San Jose
                                   300
                                         1007
  rows in set (0.00 sec)
```

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

W1_86802_Aman>select * from orders where amt !=0 or amt !=null;				
Onum	Amt	Odate	Cnum	Snum
3001   3003   3002   3005   3006   3009   3007   3008   3010	18.69 767.19 1900.10 5160.45 1098.16 1713.23 75.75 4723.00	1990-10-03 1990-10-03 1990-10-03 1990-10-03 1990-10-04 1990-10-04 1990-10-05 1990-10-06	2008   2001   2007   2003   2008   2002   2004   2006	++   1007     1001     1004     1002     1007     1003     1002     1001
3011   9891.88   1990-10-06   2006   1001   ++ 10 rows in set (0.00 sec)				