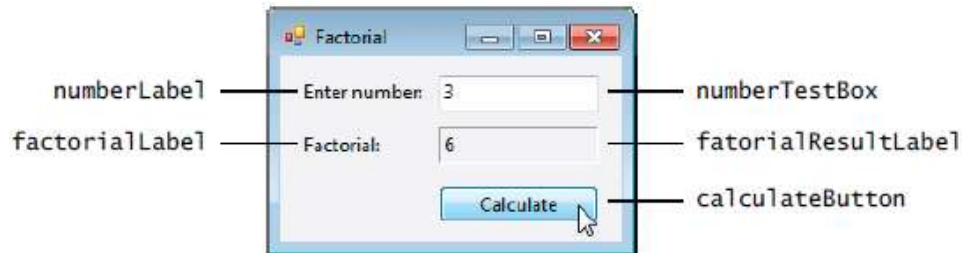


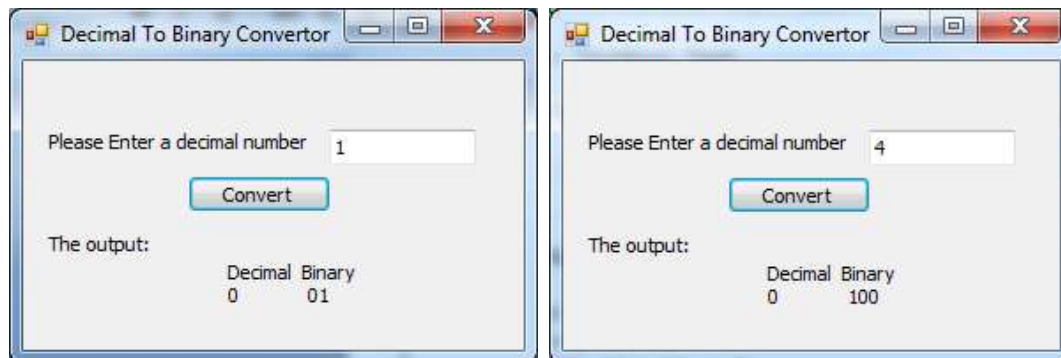
Sheet # 4

Question #1: Write the following Programs in Visual Basic:

- a) **(Factorial of a Number)** Write a program that calculates the factorial of a number using one of the repetition statements that you have learn. Example the factorial of number 3 is 6 (because: $1 \times 2 \times 3 = 6$).



- b) **Decimal to Binary Convertor)** Write a program that reads from the user a decimal number and then displays its corresponding binary number. For example, if the user enters the decimal number 4 the program should output its corresponding binary numbers respectively: 100. (Hint Use the Mod operator to help you in calculating the binary number). The output should look a follows:



- c) **(Multiplication Table Creator)** Write a program that reads a number then displays the multiplication table of all numbers equals or less than that number. For example, when the user select number 3 the output in the textbox should display multiplication tables of 1, 2, 3. The output should look like the following:

