

CT240 Assignment 1

Date: 15-09-2011

Due: Corrected in lab – last date for correction: 22nd September 2011

Task: Develop a program in VB.NET that gets your first name and surname and counts the number of letters in your first name and surname using the built in function *length()* in the string class.

Steps:

1. Decide on the INPUTS, PROCESS and OUTPUTS and document these on paper (Draw your IPO diagram). Write steps for algorithm. You should attempt to this step on your own without help from the tutor as it is important to practice this step for exams, tests etc. Use a sample scenario (e.g. your name!) to show a use case.
2. Create the Graphical User Interface (GUI) and basic properties. You will need: text boxes (and corresponding labels) to get your name and to display the result; and a button, which when clicked should count the number of letters in your name and display in a text box,
The objects on your form should be aligned and have a consistent look and feel. Experiment with different colours and schemes if you have time.
3. Based on the I description from step 1 write your CODE and put code behind the Button object.
* See lectures for sample use case for *length()* in VB.NET
4. Run and Test your application. You should test with a few different names.

Notes:

- Remember to declare ALL variables used.

For correction:

Lab tutors will check:

You have Input-Process-Output diagram

You have tidy and coherent Graphical User Interface

Your program works!