

IST 256
Lab Week 7, Day 1 (Wednesday) – October 7, 2009

1. Writing a General Procedure

A. Start a new project and name it something like **SimpleProc** (for simple procedure).

Create the user interface for the simple procedure demonstrated in class with three buttons:

| Double the number 17 |
| Double the number -25 |
| Close |

Use the code given on the web page for the twice procedure and for the buttons. Test this program to make sure that all the buttons work.

B. Now we will **change the program** so that it allows the user to type in the number, and instead of doubling the number, it will triple the number.

- 1. Delete one of your buttons and add a textbox with a label for the user to type in a number. Change the remaining button to say “Triple the Number”. The form will look something like this:

Type a number: | _____ | (textbox)
| Triple the Number | (button)
| Close | (button)

- 2. Change the code for the procedure so that its name is Triple and it multiplies the number by 3

- 3. You can delete the code for the button that you deleted and change the code in the remaining button to

- a. First get a number from the TextBox (and declare a variable for this),
- b. Call the procedure Triple and pass the variable as a parameter, instead of passing a specific number as we did before

Test your program to make sure that it works. Try typing in **three different values** and write the results here:

Number typed in: Result displayed:

Print the code for this program and hand it in with this lab sheet.