COP4338

Fall 2016

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Lab 3

Write a C program for a program to implement a recursive main. Include a static local variable count initialized to 1. Post increment and print the value of count each time the main is called. The loopcount included in the usage is a positive integer number that will indicate how deep the recursion should go.

Usage: lab3 loopcount

The source file should have your name & PantherID included in it and it should have the affirmation of originality.

Code should be nicely indented and commented.

Create a simple Makefile to compile your program into an executable called lab3.

Submit this assignment in Moodle. You should submit the source code, your Makefile and a screenshot of the output file compressed into a zip file named lab3.zip. The source file name does not matter as long as the makefile works and the screenshot should be named with your name. The Makefile should be called Makefile with no extension. I should be able to type make at the command line to compile your program. Do not include any other files or folders in the zipfile. This applies even if you are a Mac user.

Due 10/5/16