**Assignment: My First Program**

*CSC 102 Computer Science II*

**Assignment Objectives**

* Install Visual Studio 2022(or acceptable IDE) on Device.
* Learn how to navigate IDE and create CPP files.
* Write a simple C++ program that outputs a student’s name and NetID.

**Tools Used**

1. Installation of Visual Studio Link: <https://visualstudio.microsoft.com/downloads/>
2. Access to Screenshotting Software (if screenshots are required to complete assignment; Windows Snipping Tool Recommended)
3. Word Processing Document to Create Analysis Report (if analysis questions are asked; Microsoft Office Strongly Recommended)

**Instructions**

For this week’s lab, you will setup your development environment. While the recommended environment is Visual Studio, you may use other compilers/environments.

On Canvas, there is a guide to Visual Studio (For Windows Users) and XCode (For Mac OSX Users). Follow the guide to setup your environment and then copy the code in Appendix A to your .cpp file. Modify this code so that it reflects your own biography and take a screenshot of your code being executed. Submit BOTH **the .cpp file** (**but *NOT* the .sln/other project files**) and **the screenshot** to Canvas once you are finished.

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| **Rubric** | |
| **Total: 100 pts** | |
| **Code Solution**  Solution MUST show that you wrote and modified the code shown in the screenshots! | 60 pts |
| **Screenshot**  Screenshot MUST show that you executed the program on your system! | 40 pts |

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| **Penalties** | |
| Late | -10% if less than 24 hours late  -30% if less than 48 hours late  -100% if more than 48 hours late |
| Assignment Formatting  Examples: no header comment, not labeling problem answers, etc. | Up to -20 pts (depending on the issue) |
| Syntactical Errors | -100 pts (automatic zero) |

**Submission Instructions**

This assignment is due by the due date specified in Canvas. You are expected to submit the following files:

1. *firstname\_lastname*\_Lab0\_MyFirstProgram.cpp - File containing your solution in CPP Format.
2. *firstname\_lastname*\_screenshot.*<extension>* – Screenshot of your IDLE environment executing your code. Use extensions supported default for Windows (I.e. PNG, JPG/JPEG, GIF, BMP, etc.)
   1. Hint: Windows has a snipping tool key shortcut. Hold down Windows Key + Shift + S for a quick screenshot.

**Appendix A**  
Sample C++ Biography

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Program Title: A Little Bit about Myself

Author: Chad McDaniel

Description: This program outputs a short paragraph

             about myself.

\*/

#include <iostream>

using std::cout;

int main()

{

cout << "Hello World!  My name is Chad McDaniel!\n";

cout << "I am originally from Itawamba County in Mississippi.  ";

cout << "My favorite past time is playing video games and";

cout << " spending time with friends, and my favorite food";

cout << " is spaghetti.\n";

}