Instructions for Assignment 1: Personal Data

Your first assignment is to demonstrate that you have access to a development environment and are able to create programs. We also use this assignment to have you give some information about yourself for the instructor.

This assignment follows the example of HelloWorld, except that the lines with `cout` will be used to print different information.

Create a project named PersonalData*YourName*. (For example, PersonalDataVanHilst).

Create a file in the project called PersonalData*YourName*.cpp.

Write a C++ program that does nothing but output some personal information about yourself. You should have a single source file (the .cpp file having the same name as the project). The code in the program will consist primarily of the use of the "`cout`" command. The data that is printed will be the following (or if your prefer "That information is classified.").

```
//  1) Name
//  2) Email address
//  3) Major
//  4) Status at Nova (full-time, part-time, non-degree seeking)
//  5) Employment status (full-time, part-time, intern, student)
//  6) Campus dorm or town where you now live
//  7) Hometown where you grew up
//  8) Previous programming course(s) taken, where, and instructor's name
//  9) Other CS or Tech course(s) taken (and where if not Nova)
// 10) Programming languages with which you have even a little experience
```

Copy and paste the above lines to use as comments in your code. Then put the `cout` code statements after each comment line.

Here is a sample of the beginning of my code. Notice the file comment header. You are to adopt this header style for use in this class.

```
//
// File:    vanhInfo.cpp
// Project: CSIS 3101 Assignment 1
// Author:  Michael Van Hilst
// History: Version 1.3 January 2, 2016
//
#include <iostream>
using namespace std;

int main() {
    // 1) Name
    cout << "My name is Michael Van Hilst" << endl;
    // 2) Email address
    cout << "My email address is mv518@nova.edu" << endl;
    // 3) Major
```

To run you program in Visual Studio, if you choose the default run option (which is "run in debugger") the console output will flash and be gone when the program ends. To make the console window remain visible, run it without the debugger, by either selecting that option in the Debug menu or just typing Ctrl-F5.

What to turn in.
You must submit a zipped folder that includes two files.

The first file is your .cpp file, which you will find in a subdirectory of the project folder for this project.

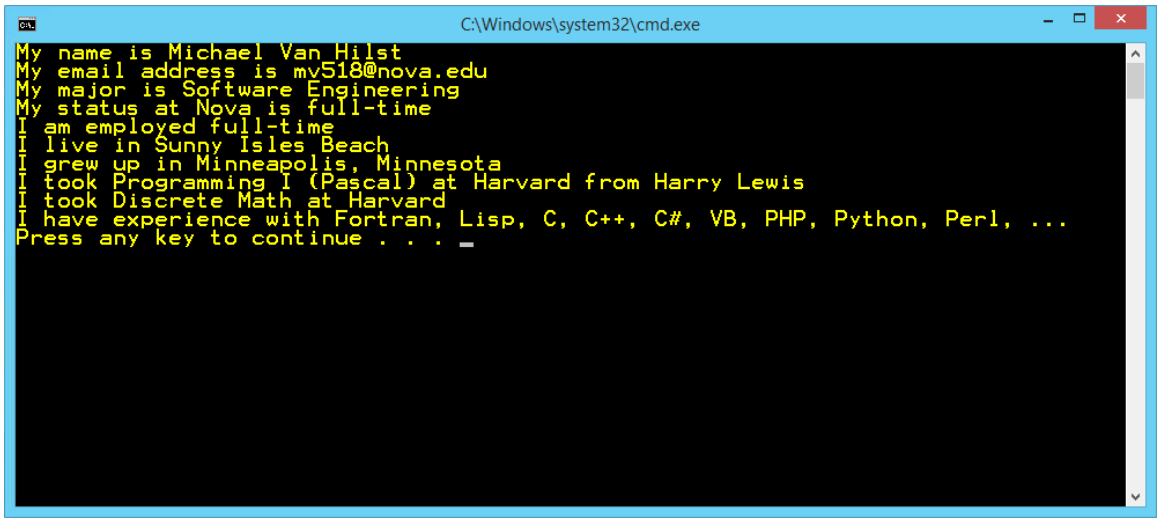
Very important: In C++ projects, you will have many files with the same name but different extensions. If you are using Windows and you don't see the file suffixes in the file navigator, in Windows 8/10 expand the View tab and check the "file name extensions" checkbox. In Windows 7 click on the Organize tab, and select "Folder and search options." Then in the popup, select the View tab, and unselect the checkbox next to "Hide extensions of known file types." (And shame on you for not following my instructions for installation.)

The second file you must submit (for this assignment only) is a Word file (or equivalent) in which you must paste a screenshot of the console window showing your output (or IDE that you used if the output is in one of its panes). In Windows, to create the screenshot of a single window,

1) Run your program.
2) Copy the console window to the clip board
    a. If you are running on the local machine
        i. Click on the console with the output to make sure it is the most foreground window.
        ii. Hold down the ALT key and hit the Print Scrn key in the upper right of your keyboard
    b. If you are running in a remote desktop, where the who desktop is a window
        i. Reduce the desktop so it is not full screen (Ctrl-F2 in the Citrix desktop)
        ii. Click on the Windows button and type Snipping Tool in the "Search programs" field
        iii. Drag the field to capture just the Console window area of the remote desktop
3) Finally, paste the image from the clipboard into your Word document.
   (A good practice in Word is to first select Insert->Shapes, and then select "New Drawing Canvas" at the bottom of the Shapes menu. Then right click on the drawing canvas and select paste to paste your image into the canvas. A drawing canvas has extra size and position controls that you don't get when the image is pasted directly into your document (i.e. centering).

Put the two files in a zip folder. (Search Google for "how to zip" if you don't know how.) Name the zip file yourlastnameAsst01.zip. Then upload your zip file under the assignment's label in Blackboard.

Below is an earlier example of output directly into a Windows cmd console window.



You can change the properties of the cmd.exe window (like yellow screen text) by right clicking on the frame at the top and choosing “properties”.