PROG 111   **Project #1**
0 Points (Practice)

This assignment is to get a feel for the C++ development environment by going thru the exercise of entering, editing and building the code to create an executable. Also you can practice submitting this assignment using the assignment submission tool. Since we will be discussing your experience in completing this assignment on our discussion forum, it will be beneficial if you complete and submit this "assignment". Refer to the enclosed instructions for using the Visual C++ environment.

Note that this assignment is NOT graded and doesn't carry any points that count toward your grade.

Enter the program code below. Refer to the instructions provided in this document, for using the C++ environment.

//Similar comment header, below is *required* on all your PROG111 online assignment submissions

```cpp
// File: amount.cpp
// calculates amount due, given pay rate and hrs worked
//
// Input: pay rate and # of hrs worked
// Output: pay
// ----------------------------------------------------------------------------
// Class: Prog 111 Online        Instructor: Robert Main
// Project: 1                    Date assigned: 9/21/09
// Programmer: <your name>       Date submitted: MM/DD/YY


#include <iostream>
using namespace std;

int main ()
{
        float hrs, payrate;
        float amount=0.0;
        //get the hrs worked and pay rate
        cout << "Enter the Number of Hours worked:  ";
        cin >> hrs;
        cout << "Enter the Pay Rate: $ ";
        cin >> payrate;
        //compute the amount due
        amount = hrs * payrate;
        cout << "The Amount due is $ " << amount << endl;

        system ("pause");
        return 0;
}
```

Name the project and the source file (.cpp) and the project **payrate**; the executable (.exe) will have the same name**. Submit a zip file saved as **lastNameProject1.zip** that contains a Release executable, and the source file.

How to create a new C++ Project using Visual Studio.net
1. Open Visual Studio.NET
2. Go to File -> New -> Project
3. In the "Project Types" box, select "Visual C++ Projects"
4. In the "Templates" box, select "Win32 Project"
5. Enter a name for your project and hit the "OK" button (**payrate**, in this case)
6. When the next window appears, click "Application Settings" on the left
7. Click the "Console Application" radio button and the "Empty Project" checkbox and hit the "Finish" button

How to Add Files to your project
   1. How to add a source (.cpp) file
       a. In the "Solution Explorer" box (the upper right or left of the screen) right click the "Source Files" folder and go to Add -> Add New Item
       b. Click on "C++ File (.cpp)"
       c. Enter a name for your file and hit the "Open" button (**payrate**, in this case)
   2. How to add a header (.h) file
       a. In the "Solution Explorer" box (the upper right or left of the screen) right click the "Header Files" folder and go to Add -> Add New Item
       b. Click on "Header File (.h)"
       c. Enter a name for your file and hit the "Open" button