# IT 230 Coding Activity Submission Template

Submit your work on the coding activities for Modules One, Two, Three, Four, and Six in this document. In addition to this document, you should submit a ZIP file containing all your Visual Studio project files and source code that can be run in Visual Studio on a different computer.

For each coding activity, complete the following steps:

* Download and rename this document to meet the file naming conventions requested in the assignment instructions.
* Fill in the required information below by replacing the bracketed text with the relevant information.
* Submit this document and your ZIP file for grading and feedback. Your ZIP file should follow the same naming conventions.

Document your work in the coding activity by completing each of the following items:

1. Provide a screenshot of the output that resulted from running your program successfully in Visual Studio. See the coding assignment instructions for an example of what should be included in the screenshot. Your screenshot must include the following elements:
   1. Your last name as the first printed text on the screen
   2. Verification that the program is fully functioning and data results are accurate for the given problem

A screenshot of a computer

Description automatically generated

1. Copy and paste the source code text you wrote for this assignment from the \*.cs file into the space below. Only providing the \*.cs files or a screenshot does not meet the requirements for this part of the assignment. Code should be logically organized. It should also follow proper syntax and conventions noted in the Coding Activity Guidelines and Rubric.

using System;

using System.Collections.Generic;

using System.IO;

using System.Linq;

using System.Runtime.InteropServices.WindowsRuntime;

using Windows.Foundation;

using Windows.Foundation.Collections;

using Windows.UI.Popups;

using Windows.UI.Xaml;

using Windows.UI.Xaml.Controls;

using Windows.UI.Xaml.Controls.Primitives;

using Windows.UI.Xaml.Data;

using Windows.UI.Xaml.Input;

using Windows.UI.Xaml.Media;

using Windows.UI.Xaml.Navigation;

// The Blank Page item template is documented at https://go.microsoft.com/fwlink/?LinkId=402352&clcid=0x409

namespace HelloMargo

{

/// <summary>

/// An empty page that can be used on its own or navigated to within a Frame.

/// </summary>

public sealed partial class MainPage : Page

{

public MainPage()

{

this.InitializeComponent();

}

private void okClick(object sender, RoutedEventArgs e)

{

MessageDialog msg = new MessageDialog($"Hello {userName.Text}");

\_ = msg.ShowAsync(); // Display the message box, but ignore the value returned

}

}

}

1. Show that you understand the task by explaining the design of your program in the space below. Include the process and steps you took to write your code. Explain how you arrived at the solution to the problem and completed the activity.

The task was to make a program that would output “Hello [Typed Name]”. In order to complete this assignment, I followed the instructions provided which was to… First create the look of the program, in other words add a textblock then under it add a textbox [Both should have the beginning text {Please enter your name}]. Next add a button next to the Textbox, Label it OK then add a function so that when a user clicks it, it will perform an action. After that we were sent to the .cs page and were meant to add in the code to make the program function as intended. One tid bit that wasn’t included in the assignment instructions was to name the textbox [userName] so that the code would understand where to take text from. (I learned this through SNHU’s 24/7 drop in tutoring).

MessageDialog msg = new MessageDialog($"Hello {userName.Text}");

\_ = msg.ShowAsync(); // Display the message box, but ignore the value

1. Reflect on your learning experience and what you learned from completing the activity.

Throughout this activity I learned a lot about simple coding, how to fix pieces of code but more importantly I learned when to ask for outside help from both fellow peers, tutors, and my advisor.