# CITP 155 – Programming I

## Salutations Explained Lab

## Graded Activity (15 points)

Provide any screen shots using the Snipping Tool and selecting only the relevant portion of the screen (instead of the entire screen). Provide any answers using a blue font. Please note that part of being a good programmer is being precise. If you have typos in your code, such as the words that are supposed to be displayed, you will not receive full credit.

KEEP ALL OF YOUR SOLUTION AND PROJECT FILES THROUGHOUT THE DURATION OF THE CLASS!

**Open Your Salutations Project**

Start Visual Studio

File, Open, Project/Solution

Navigate to c:\users\student\documents\visual studio 2015\Projects\LastName\_FirstName

Open the Salutations solution folder

Select the Salutations.sln file.   
This will open the entire solution, which includes multiple projects.

Open

**Open and Modify Your C# Program (8 points)**

From the Solution Explorer, find the Progrm.cs file nested in the HeyYou project. Double click the Program.cs file to open it.

What namespaces are imported for use in Program.cs?

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

Which of these namespaces is actually used in the program?

using System;

Comment out the unused namespaces, then test to make sure your program still works. Use the Snipping Tool to provide a screen shot of the Console where you tested.



Use the Snipping Tool to provide a screen shot of the portion of the program that imports namespaces. Include line numbers of the program in your screenshot.

![Text

Description automatically generated]()

What is the name of the namespace created for this C# application?

HeyYou

Change the namespace of this application to **Salutation01** and test to make sure your program still works. Use the Snipping Tool to provide a screen shot of your changed code. Include line numbers of the program in your screen shot.



What is the name of the class in this application?

Program

Change the name of the class to **DisplayToConsole** and test to make sure your program still works. Use the Snipping Tool to provide a screen shot of your changed code. Include line numbers of the program in your screen shot.



Be sure to save your modified program.

**Open and Modify Your Other C# Program (3 points)**

From the Solution Explorer, find the Progrm.cs file nested in the HowdyFolks project. Double click the Program.cs file to open it.

Comment out the unneeded namespaces. Test.

Change the name of the application’s namespace to **Salutation02**. Test.

Change the name of the class to **DisplayToConsole**. Test.

Using the Snipping Tool, provide a screen shot of the entire program. Include line numbers of the program in your screen shot.

![Text

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Be sure to save your modified program.

**Questions (4 points)**

Using the Program.cs application in the HeyYou project as a reference, respond to the following questions.

What do curly braces do in C#?

Let the compiler know that it is about to receive a block of code, and tell it when the block of code has ended.

There are three sets of curly braces in Program.cs. What does the outermost set of curly braces contain? This set of curly braces starts on line 8 and concludes on line 17 unless you added extra lines of code to your program.

The outermost set of curly braces contains all the code that will be attributed to the namespace.

What does the next nested set of curly braces contain? This set of curly braces starts on line 10 and ends on line 16 unless you added extra lines of code to your program.

The second set of curly braces contains all the code that will be attributed to the class.

What does the innermost set of curly braces contain? This set of curly braces begins on line 12 and ends on line 15 unless you added extra lines of code to your program.

The third set of curly braces contains our Main function code.

Concepts taken from <https://csharp.net-tutorials.com/getting-started/hello-world-explained/>