



## Objective

The purpose of this lab is to familiarize yourself with Visual Studio and MSDN.

### 1. Visual Studio Console Project

*For this exercise, you will want to investigate the following C# classes and keywords:*

Console class  
String class  
if statement  
const keyword

- a) Create a Visual Studio C# Console project called COMP2690\_Lab01.
- b) Use the MSDN Library to find out some of the other methods in addition to `WriteLine` that are available in the `Console` class. The most useful ones for now will be `Write` and `ReadLine` (probably *not* `Read`).
- c) See if you can figure out how to prompt the user for a name and then print a welcome message. For instance, if the name entered is `Amelia` then output the message:

`Hello, Amelia, and welcome.`

Notice how the sentence is spaced and punctuated. We want to see exactly the same in your output.

- d) Now see if you can prompt the user for a password after prompting for a name but *before* displaying the welcome message. If the password entered is `radish` then display the welcome message. See if you can:
  1. make the password a constant
  2. allow the user to enter a case *insensitive* password with any number of spaces before and/or after it

Note: Unlike Java, the C# operator `==` *does* compare the contents of two strings.

~~ Please turn over ~~

**Please Hand In:**

Nothing. To receive the participation mark for the lab, you must either:

- 1) Show us your completed work, and try any suggestions I have for you, at which point you are free to go  
or
- 2) Stay until the end of class attempting the lab. You do not have to finish as long as you stay until the end of class trying.