Cory’s Semi-Cool C# Practices

Introduction

These practices are designed to be self-sufficient. They will give basic information and be a general guide on what you should do; but if you don’t know exactly how to do something you should be googling it. That is one of the best skills to learn, how to google efficiently. You should feel free to ask people for help, but only after you’ve attempted to do some research first.

Resources

* Visual Studio (2015 or 2017, doesn’t really matter)
* Uh that’s it, I think

Basic Input/Output

The very first thing we’ll be doing is working with some basics to get you familiar with C# and working with a console application. You’ll be using the Console class to do a lot of this, you can write out to the screen with Console.WriteLine(“Text”) and you can read information from the user with Console.ReadLine(). You can read up on how to use these in more depth with research online.

The first thing you should attempt is a basic information collecting program. You want to ask the user for a few basic pieces of information, and then you’re going to relay that same information back to the user. There will be some guidelines for this, you’ll need to get the following information from the user and store it:

* Name (First and Last)
* Birth date
* Gender

Once you’ve taken in this info, you’re going to want to properly greet your user. You’ll want to relay the information, except you’re going to manipulate it when returning it. My example message is as follows:

“Hello Mr/Mrs.[LastName], I see you’re currently [age in years] years old, your birthday is [days] days away!”

You can adjust this how you want, but the requirements are that you will need to include their gender (Such as I used Mr and Mrs), their Last or first name alone. So you either say their first name only, or their last name only. You’ll need to relay their age in year, and how many days it will be until their birthday.

There are different ways to do all of this. Of course, you’re free to google and experiment, and if you’re having more trouble you can always ask someone for help! There are lots of programming help resources online, just be sure to do your research before giving up.