Coding Week 1

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PowerShell

We will be learning PowerShell Syntax.

It uses a lot of .NET and is mostly written in C#.

The language doesn't matter but the concepts

Comes builtin on Windows and can easily be installed on Linux and MacOs

PowerShell is easy for beginners.

No Semi-colons, Not cAseSEnsitive, does not need to be compiled.

Who am I?

Joshua Mosteller

My boss gave me an unofficial title of Efficiency Engineer

Been developing in PowerShell for 3 years.

I write scripts, automations, cmdlets, functions, and actual programs with PowerShell.

I save 100's of Man Hours a year through automation.

Overview

Variables - Placeholders for other things

Loops - do the same thing over and over

Conditionals - if this then do this, if that do that, otherwise do something else

Error Handling - We don't live in a perfect world and you need to know how to handle errors

Debugging - Because things will only work the way you write them not the way you want them to go.

 Tools - Git, GitHub, VS Code

HomeWork

Before the next class you will need to install:

GIT - https://git-scm.com/downloads

> 90% of all developers use GIT. You need and you need to KNOW IT

VS Code - https://code.visualstudio.com/download

You need an IDE to write and test code. This is very common IDE and lots of features.

Course Material

Material will be posted to my GitHub.

JMost07/CodingClass: Course Material

https://github.com/JMost07/CodingClass/

Save it as a favorite.