Advanced Scripting   
Writing Scripts

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Document Prepared for: CIT361 Student

# Instructions

For this exercise you will write and submit a PowerShell script.

# Overview

You will write your first PowerShell script in this exercise.

# Requirements

* Windows PowerShell
* PowerShell ISE

# Task 1—Write your script

Write a modified Hello World script that asks for the user’s name and then greets them with the current date and time.

## Steps

1. Open the PowerShell ISE.
2. Create a new document.
3. Each script you write for class must contain the following comment block at the top of the script. This is your signature and affirmation that this script is of your own authorship and not copied from any other source.
   1. At the top of your script Enter   
      <#  
      Program Name : <program>  
      Date: <datecreated>  
      Author: <yourname>  
      Course: CIT361  
      I, <yourname>, affirm that I wrote this script as original work completed by me.  
      #>
      1. Replace   
         <program> with hello.ps1  
         <datecreated> with the current date  
         <yourname> with your full name
4. You can use the read-host command to get user input. Write the following code below your signature block.  
   'Hello wonderful world!'  
   $name=Read-host "What is your name?"  
   Write-Host "Good day $name. It is $(Get-Date)."
5. Press the F5 key to run your script. It should output “Hello wonderful world!” followed by a prompt asking your name.
   1. Enter your name and press enter.
6. You should be greeted by name and the current time. (If this does not work fix until it does)

# Task 2—Saving and running the script.

Now you will save and run the script.

## Steps

1. Create a folder under your psfiles folder that you downloaded earlier named scripts.
2. Save the script as **hello.ps1**
3. Make the newly created scripts directory your current directory
4. To run your script, enter  
   ./hello.ps1
5. You should get an error unless you have previously changed the Execution-Policy. Either way, if it ran or did not run you will learn why next lesson.

# Deliverable

Upload your PowerShell script to canvas.