Advanced Scripting   
Function Parameters and Scope

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# Instructions

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# Overview

You will create a script that allows parameters to be passed when run. You will also experiment with dot sourcing when you run a script

# Requirements

PowerShell

# Task 1—Script parameters

Write a script that accepts parameters

## Steps

1. Using your favorite editor write the following script and save it as Greeting.ps1, note what directory you save the script in.

param ($first,$last)

$WelcomeMessage="Hello $($first,$last -join ' ')!"

$WelcomeMessage

1. Open a new shell and change to the directory where you saved your script
2. Run the script  
   ./Greeting.ps1
   1. What was the output? Hello !
3. Now run the script passing parameters by position for the first and last name  
   ./Greeting.ps1 John Jacobs
   1. What was the output? Hello John Jacobs!
4. Now run the script with named parameters  
   ./Greeting.ps1 -last Jones -first John
   1. What is the output? Hello John Jones!
5. What is in the variable $WelcomeMessage? It cannot find a variable

# Task 2—Dot Sourcing a Script

In this task you will run your script using dot sourcing. This instructs PowerShell to merge the script variables and functions with the Global variables and functions

## Steps

1. Run the script with dot sourcing  
   . ./Greeting.ps1 Rachel Smith
   1. What is the output? Hello Rachael Smith!
2. What is in the variable $WelcomeMessage? Hello Rachael Smith!

# Deliverable

Upload this document with completed answers to I-learn.