Chapter 5 Lab

This script is supposed to create some new PSDrivesbased on environmental variables like %APPDATA% and%USERPROFILE%\DOCUMENTS. However, after the script runs the drives don't exist. Why? What changes would you make?

Function New-Drives {

Param()

New-PSDrive -Name AppData -PSProvider FileSystem -Root $env:Appdata

New-PSDrive -Name Temp -PSProvider FileSystem -Root $env:TEMP

$mydocs=Join-Path -Path $env:userprofile -ChildPath Documents

New-PSDrive -Name Docs -PSProvider FileSystem -Root $mydocs

}

New-Drives

DIR temp: | measure-object –property length –sum

Answer

The New-PSDrive cmdlet is creating the drive in the Function scope. Once the function ends the drives disappear along with the scope.The solution is to use the –Scope parameter with New-PSDrive. Using a value of Script will make them visible to the script so that the DIR command will work. However, once the script ends the drives are still removed. If the intent was to make them visible in the console, then the solution is to use a –Scope value of Global.