Powershell files & folders

1. we'll create a folder in D:\Temp\ with name "Test Folder"

* New-Item -Path 'D:\temp\Test Folder' -ItemType Directory

1. we'll create a file in D:\Temp\Test Folder with name "Test File.txt"

* New-Item -Path 'D:\temp\Test Folder\Test File.txt' -ItemType File

1. we'll copy a folder D:\Temp\Test Folder as D:\Temp\Test Folder1

* Copy-Item 'D:\temp\Test Folder' 'D:\temp\Test Folder1'

1. we'll copy a folder recursively D:\Temp\Test Folder to D:\Temp\Test Folder1

* Copy-Item 'D:\temp\Test Folder' -Destination 'D:\temp\Test Folder1'

1. we'll copy a folder D:\Temp\Test Folder\Test File.txt to D:\Temp\Test Folder1

* Copy-Item 'D:\temp\Test Folder\Test File.txt' 'D:\temp\Test Folder1\Test File1.txt'

1. we'll copy all text file recursively D:\Temp\Test Folder to D:\Temp\Test Folder1

* Copy-Item -Filter \*.txt -Path 'D:\temp\Test Folder' -Recurse -Destination 'D:\temp\Test Folder1'

1. we'll delete a folder D:\Temp\Test Folder1

* Remove-Item 'D:\temp\Test Folder1'

1. we'll move a folder D:\Temp\Test to D:\Temp\Test1

* Move-Item D:\temp\Test D:\temp\Test1

1. we'll move a folder D:\Temp\Test\Test.txt to D:\Temp\Test1

* Move-Item D:\temp\Test\Test.txt D:\temp\Test1

1. we'll rename a folder D:\Temp\Test to D:\Temp\Test1

* Rename-Item "D:\temp\Test Test1"

1. we'll rename a folder D:\Temp\Test\test.txt to test1.txt

* Rename-Item D:\temp\Test\test.txt test1.txt

1. we'll read a file D:\Temp\Test\Test.txt

* Get-Content D:\temp\Test\test.txt

1. we'll read the size of the content of the file read.

* (Get-Content D:\temp\test\test.txt).length

1. we're having a folder test in D:\temp directory

* Test-Path D:\temp\test

1. we're having a file test.txt in D:\temp\test directory

* Test-Path D:\temp\test\test.txt

1. we're using Get-Date to get current date

* Get-Date

1. we're using Set-Date to add one more day to current date.

* set-date -Date (Get-Date).AddDays(1)

1. we're using Get-Date to get current date

* Get-Date -DisplayHint Date

1. we're using Get-Date to get current date

* get-date -displayHint time

**PowerShell** **version**: **$PSVersionTable**

PowerShell cmdlet

* get-content D:\temp\test\test.txt | measure-object -character -line -word
* Lines Words Characters Property
* ----- ----- ---------- --------
* 1 3 29

1. We'll count the no. of files present in current directory.

* Get-ChildItem | Measure-Object

1. Compare the files. Type the following command

* Compare-Object -ReferenceObject $(Get-Content D:\temp\test\TestFolder\star.txt) -DifferenceObject $(Get-Content D:\temp\test\TestFolder\File1.txt