Set System Date

**Set-Date** cmdlet is used to set System Date.

In this example, we're using Get-Date to get current date

Type the following command in PowerShell ISE Console

Get-Date

In this example, we're using Set-Date to add one more day to current date.

Type the following command in PowerShell ISE Console

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

Now revert back to substract added day to current date.

Type the following command in PowerShell ISE Console

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

## **Example 1**

In this example, we're using Get-Date without any parameter

Type the following command in PowerShell ISE Console

Get-Date

## **Output**

You can see following output in PowerShell console.

Get-Date

Wednesday, April 04, 2018 5:24:51 PM

## **Example 2**

In this example, we're using -DisplayHint to print only Date.

Type the following command in PowerShell ISE Console

Get-Date -DisplayHint Date

## **Output**

You can see following output in PowerShell console.

Get-Date -DisplayHint Date

Wednesday, April 04, 2018

# Get System Time

## **Example 1**

In this example, we're using Get-Date without any parameter

Type the following command in PowerShell ISE Console

Get-Date

## **Output**

You can see following output in PowerShell console.

Get-Date

Wednesday, April 04, 2018 5:24:51 PM

## **Example 2**

In this example, we're using -DisplayHint to print only Time.

Type the following command in PowerShell ISE Console

Get-Date -DisplayHint Time

## **Output**

You can see following output in PowerShell console.

Get-Date -DisplayHint Date

5:26:36 PM

# Set System Time

Type the following command in PowerShell ISE Console

get-date -displayHint time

## **Output**

You can see following output in PowerShell console.

10:04:18 AM

In this example, we're using Set-Date to adjust to 60 minutes.

Type the following commands in PowerShell ISE Console

> $timeToAdd = New-TimeSpan -Minutes 60

> set-date -adjust $timeToAdd

## **Output**

You can see following output in PowerShell console.

Saturday, May 05, 2018 11:05:16 AM

Now revert back to substract added time to current date.

Type the following command in PowerShell ISE Console

> $timeToAdd = New-TimeSpan -Minutes 60

> set-date -adjust $timeToAdd

## **Output**

You can see following output in PowerShell console.

Saturday, May 05, 2018 10:08:54 AM

# Create Text File

## **Step 1**

In this example, we're creating a new text file named test.txt

Type the following command in PowerShell ISE Console

New-Item D:\temp\test\test.txt

You can see the test.txt created in D:\temp\test directory.

## **Step 2**

In this example, we're adding content to test.txt.

Type the following command in PowerShell ISE Console

Set-Content D:\temp\test\test.txt 'Welcome to Test'

## **Step 3**

In this example, we're reading content of test.txt.

get-Content D:\temp\test\test.txt

XML

## **Step 1**

In this example, we're creating a new xml file named test.xml

Type the following command in PowerShell ISE Console

New-Item D:\temp\test\test.xml -ItemType File

You can see the test.xml created in D:\temp\test directory.

## **Step 2**

In this example, we're adding content to test.xml.

Type the following command in PowerShell ISE Console

Set-Content D:\temp\test\test.xml '<title>Welcome to Test</title>'

## **Step 3**

In this example, we're reading content of test.xml.

Get-Content D:\temp\test\test.xml

## **Output**

You can see following output in PowerShell console.

<title>Welcome to Test</title>

CSV

## **Step 1**

In this example, we're creating a new csv file named test.csv

Type the following command in PowerShell ISE Console

New-Item D:\temp\test\test.csv -ItemType File

You can see the test.csv created in D:\temp\test directory.

## **Step 2**

In this example, we're adding content to test.csv.

Type the following command in PowerShell ISE Console

Set-Content D:\temp\test\test.csv 'Mahesh,Suresh,Ramesh'

## **Step 3**

In this example, we're reading content of test.csv.

Get-Content D:\temp\test\test.csv

## **Output**

You can see following output in PowerShell console.

Mahesh,Suresh,Ramesh

# Create HTML File

## **Step 1**

In this example, we're creating a new html file named test.html

Type the following command in PowerShell ISE Console

New-Item D:\temp\test\test.html -ItemType File

You can see the test.html created in D:\temp\test directory.

## **Step 2**

In this example, we're adding content to test.html.

Type the following command in PowerShell ISE Console

Set-Content D:\temp\test\test.html '<html>Welcome to Test</html>'

## **Step 3**

In this example, we're reading content of test.html.

Get-Content D:\temp\test\test.html

## **Output**

You can see following output in PowerShell console.

<html>Welcome to Test</html>

# Erase content of File

**Clear-Content** cmdlet can be used to erase content of a txt file.

In this example, we're erasing content of test.txt.

Clear-Content D:\temp\test\test.txt

Now, if we read content of test.txt.

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

# Append content to File

## **Step 1**

In this example, we're set content in a new txt file named test.txt

Type the following command in PowerShell ISE Console

Set-Content D:\temp\test\test.txt 'Hello'

## **Step 2**

In this example, we're appending content to test.html.

Type the following command in PowerShell ISE Console

Add-Content D:\temp\test\test.txt 'World!'

## **Step 3**

In this example, we're reading content of test.html.

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

## **Output**

You can see following output in PowerShell console.

Hello

World!