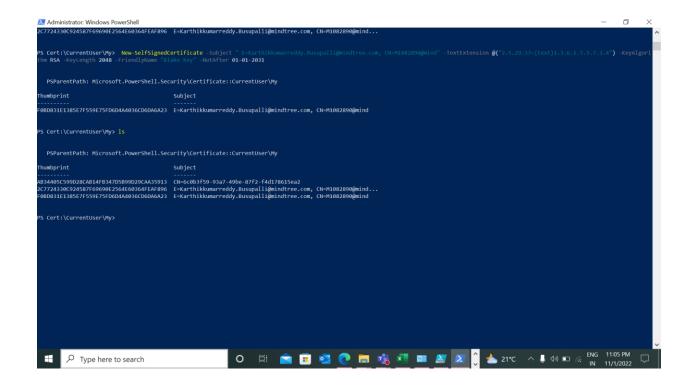# Assignment -3

Create a script to create a Script which should be digitally signed

```
$from = "C:\Users\M1082890\Desktop\backup"
$to = "C:\Users\M1082890\Desktop\$(get-date -f dddd-
mm-yyyy) OneDriveBackup"

Copy-Item -Path $from -Destination $to -Recurse -
Verbose -PassThru |?(Write-Warning "Attention do not
close this window,or turnoff the system")
Write-host "Congratulations!! Your Back up has been
completed on $(get-date -f dddd-mm-yyyy)" -Foreground
black -BackgroundColor yellow
```

->

Cmd through cmdlet line run Line by line

```
New-SelfSignedCertificate -Subject "
E=Karthikkumarreddy.Busupalli@mindtree.com,
CN=M1082890@mind" -TextExtension
@("2.5.29.37={text}1.3.6.1.5.5.7.3.4") -KeyAlgorithm
RSA -KeyLength 2048 -FriendlyName "Blake Key" -NotAfter
01-01-2031

$Cert= Get-ChildItem -Path
"9641F030BA7F47D8B7A5ECA115E69F114A4DAFB9"

$Cert.EnhancedKeyUsageList

Set-AuthenticodeSignature -Certificate:$Cert    -
FilePath:"E:\MyScript.ps1"
```

```
2C7724330C924587F69690E2564E60364FEAF896    E=Karthikkumarreddy.Busupalli@mindtree.com, CN=M1082890@mind...


PS Cert:\CurrentUser\My> New-SelfSignedCertificate -Subject " E=Karthikkumarreddy.Busupalli@mindtree.com, CN=M1082890@mind" -TextExtension @("2.5.29.37={text}1.3.6.1.5.5.7.3.4") -KeyAlgori
thm RSA -KeyLength 2048 -FriendlyName "Blake Key" -NotAfter 01-01-2031


   PSParentPath: Microsoft.PowerShell.Security\Certificate::CurrentUser\My

Thumbprint                                  Subject
----------                                  -------
F0BD831E1385E7F559E75FD6D4A4036CD6DA6A23    E=Karthikkumarreddy.Busupalli@mindtree.com, CN=M1082890@mind


PS Cert:\CurrentUser\My> ls


   PSParentPath: Microsoft.PowerShell.Security\Certificate::CurrentUser\My

Thumbprint                                  Subject
----------                                  -------
AB34405C599D28CAB14FB347D5B99D29CAA35913    CN=6c0b3f59-93a7-49be-87f2-f4d178615ea2
2C7724330C924587F69690E2564E60364FEAF896    E=Karthikkumarreddy.Busupalli@mindtree.com, CN=M1082890@mind...
F0BD831E1385E7F559E75FD6D4A4036CD6DA6A23    E=Karthikkumarreddy.Busupalli@mindtree.com, CN=M1082890@mind


PS Cert:\CurrentUser\My>
```

```
PS C:\WINDOWS\system32> E:\Myscript.ps1
WARNING: Attention do not close this window,or turnoff the system
Where-Object : Cannot bind argument to parameter 'FilterScript' because it is null.
At E:\Myscript.ps1:4 char:72
+ ... -PassThru |?(Write-Warning "Attention do not close this window,or tur ...
+                 ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
    + CategoryInfo          : InvalidData: (:) [where-Object], ParameterBindingValidatio
   nException
    + FullyQualifiedErrorId : ParameterArgumentValidationErrorNullNotAllowed,Microsoft.P
   owerShell.Commands.WhereObjectCommand
Congratulations!! Your Back up has been completed on Tuesday-29-2022
PS C:\WINDOWS\system32> Get-ExecutionPolicy
RemoteSigned
PS C:\WINDOWS\system32> Set-ExecutionPolicy Unrestricted
Set-ExecutionPolicy : Access to the registry key
'HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\PowerShell\1\ShellIds\Microsoft.PowerShell' is
denied. To change the execution policy for the default (LocalMachine) scope, start
windows PowerShell with the "Run as administrator" option. To change the execution
policy for the current user, run "Set-ExecutionPolicy -Scope CurrentUser".
At line:1 char:1
+ Set-ExecutionPolicy Unrestricted
+ ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
    + CategoryInfo          : PermissionDenied: (:) [Set-ExecutionPolicy], UnauthorizedA
   ccessException
    + FullyQualifiedErrorId : System.UnauthorizedAccessException,Microsoft.PowerShell.Co
   mmands.SetExecutionPolicyCommand
PS C:\WINDOWS\system32> E:\Myscript.ps1
WARNING: Attention do not close this window,or turnoff the system
Where-Object : Cannot bind argument to parameter 'FilterScript' because it is null.
At E:\Myscript.ps1:4 char:72
+ ... -PassThru |?(Write-Warning "Attention do not close this window,or tur ...
+                 ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
    + CategoryInfo          : InvalidData: (:) [where-Object], ParameterBindingValidatio
   nException
    + FullyQualifiedErrorId : ParameterArgumentValidationErrorNullNotAllowed,Microsoft.P
   owerShell.Commands.WhereObjectCommand
Congratulations!! Your Back up has been completed on Tuesday-30-2022
```

```
PS Cert:\> cd CurrentUser

PS Cert:\CurrentUser> cd My

PS Cert:\CurrentUser\My> ls


    PSParentPath: Microsoft.PowerShell.Security\Certificate::CurrentUser\My

Thumbprint                                Subject
----------                                -------
F0BD831E1385E7F559E75FD6D4A4036CD6DA6A23  E=Karthikkumarreddy.Busupalli@mindtree.com, ...
AB34405C599D28CAB14FB347D5B99D29CAA35913  CN=6c0b3f59-93a7-49be-87f2-f4d178615ea2
2C7724330C924587F69690E2564E60364FEAF896  E=Karthikkumarreddy.Busupalli@mindtree.com, ...


PS Cert:\CurrentUser\My> $Cert= Get-ChildItem -Path:"F0BD831E1385E7F559E75FD6D4A4036CD6DA6A23"

PS Cert:\CurrentUser\My>  $Cert.EnhancedKeyUsageList

FriendlyName ObjectId
------------ --------
Secure Email 1.3.6.1.5.5.7.3.4


PS Cert:\CurrentUser\My>  Set-AuthenticodeSignature -Certificate:$Cert   -FilePath:"E:\MyScript.ps1"
Set-AuthenticodeSignature : Cannot sign code. The specified certificate is not suitable
for code signing.
At line:1 char:2
+  Set-AuthenticodeSignature -Certificate:$Cert   -FilePath:"E:\MyScrip ...
+  ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
    + CategoryInfo          : InvalidArgument: (:) [Set-AuthenticodeSignature], PSArgume
   ntException
    + FullyQualifiedErrorId : Argument,Microsoft.PowerShell.Commands.SetAuthenticodeSign
   atureCommand
```