Project:

Create a Script which will have Debugging messages, Try & Catch messages, Error Handling, Scopes, Script should be digitally signed, Script should throw the output to a BAR Graph or pie chart report

```powershell
# how to Write Debug Messages to the console in Powershell

Try{
    function New-DemoAdvanced
    {
        [cmdletBinding()]
        Param ()

        Write-Output "Hello World!"
        Write-Debug  " Hellow K@rthikeYA!"
    }

    # Back  to default  value of $DebugPreference is "SilentlyContue"

    $DebugPreference = "SilentlyContinue"

    New-DemoAdvanced

    New-DemoAdvanced -Debug

     $a = New-DemoAdvanced -Debug
}
Catch
        {
  Write-Warning "An other error occured"
        }
    ### it should  be digitally signed

# 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:\DEbug-1.ps1"

Get-Process |
     select -First 5 name, pm |
     Out-PieChart -PieChartTitle "Top 5 Windows processes running" -DisplayToScreen
```
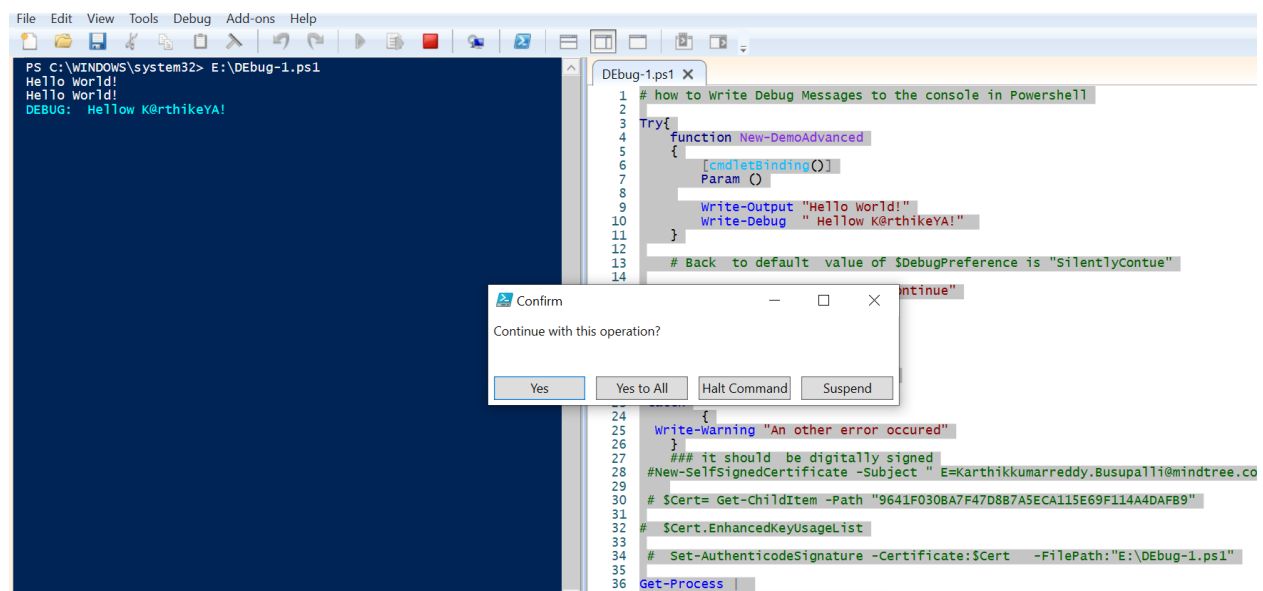
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    $a = New-DemoAdvanced -Debug
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Catch
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    }
    ### it should  be digitally signed
#New-SelfSignedCertificate -Subject " E=Karthikkumarreddy.Busupalli@mindtree.com, CN=M108289
# $Cert= Get-ChildItem -Path "9641F030BA7F47D8B7A5ECA115E69F114A4DAFB9"
#  $Cert.EnhancedKeyUsageList
#  Set-AuthenticodeSignature -Certificate:$Cert   -FilePath:"E:\DEbug-1.ps1"

Get-Process |
    select -First 5 name, pm |
    Out-PieChart -PieChartTitle "Top 5 Windows processes running" -DisplayToScreen
```
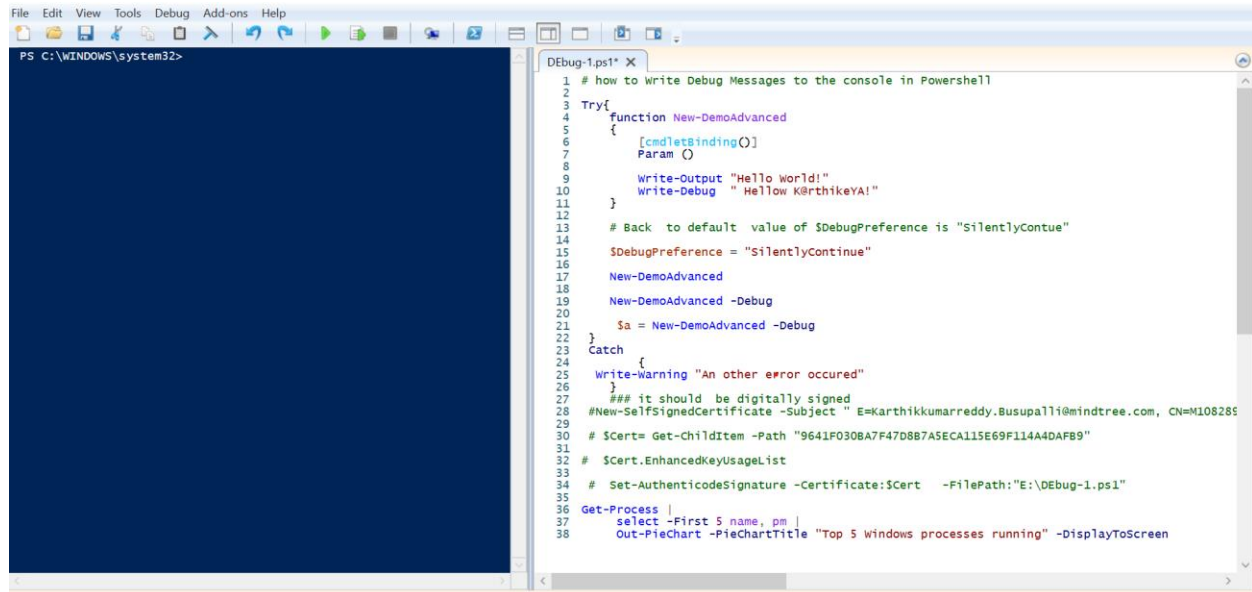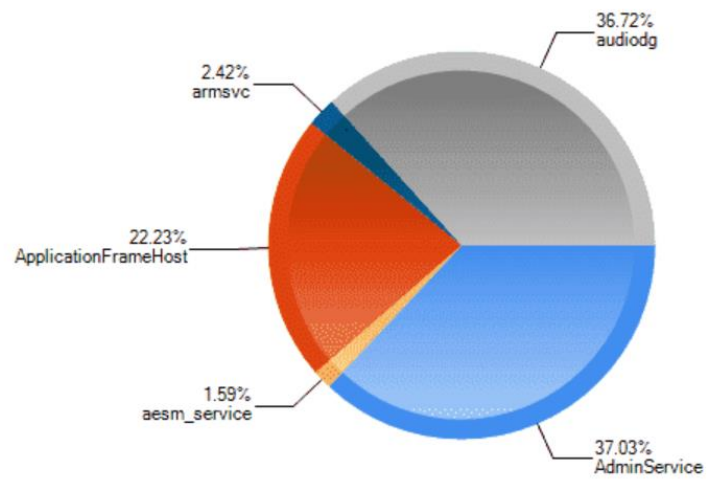


```
PS C:\WINDOWS\system32> E:\DEbug-1.ps1
Hello World!
Hello World!
DEBUG:  Hellow K@rthikeYA!
```

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Confirm

Continue with this operation?

[Yes] [Yes to All] [Halt Command] [Suspend]

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    Write-Warning "An other error occured"
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Get-Process |
```

Top 5 Windows processes running

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