

# Oprációs rendszerek

BSC

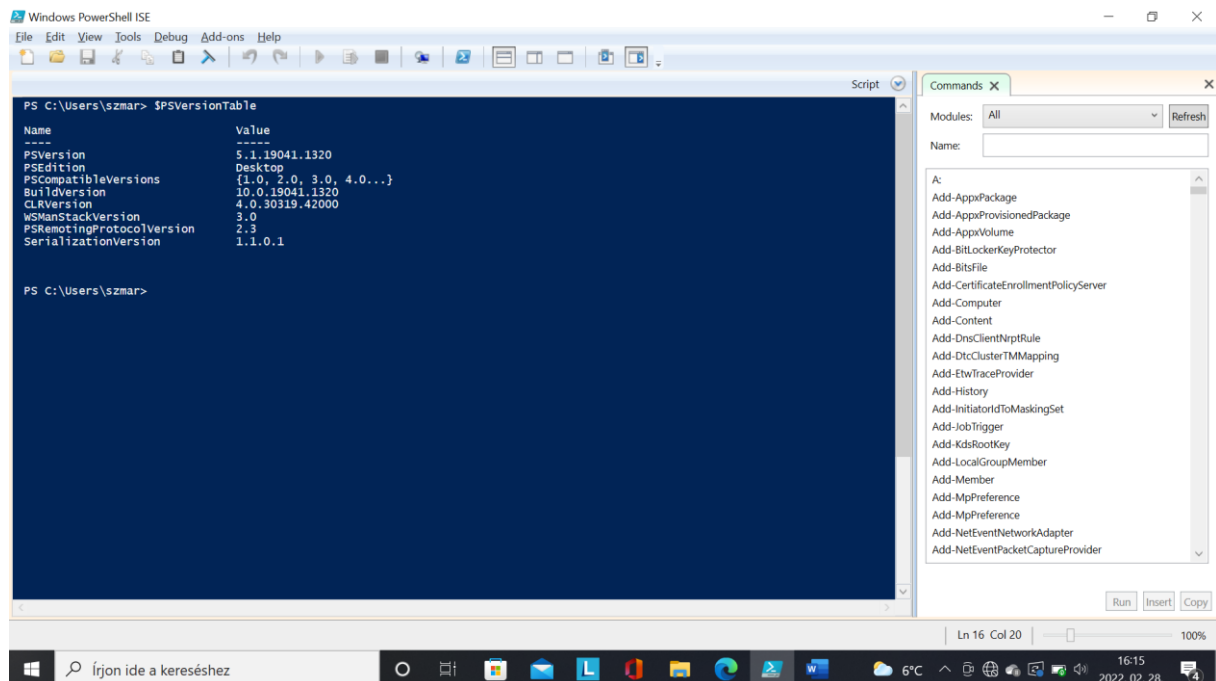
2.Gyak

Szabó Martin

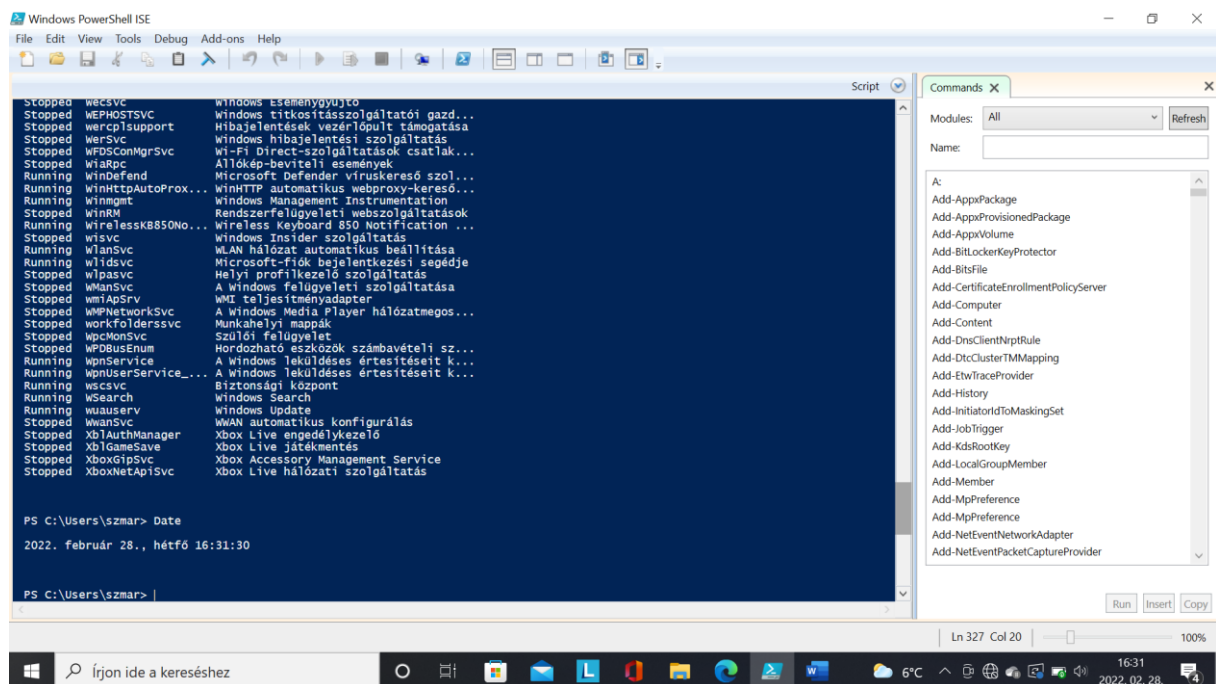
Gazdaságinformatika

JDVK0Y

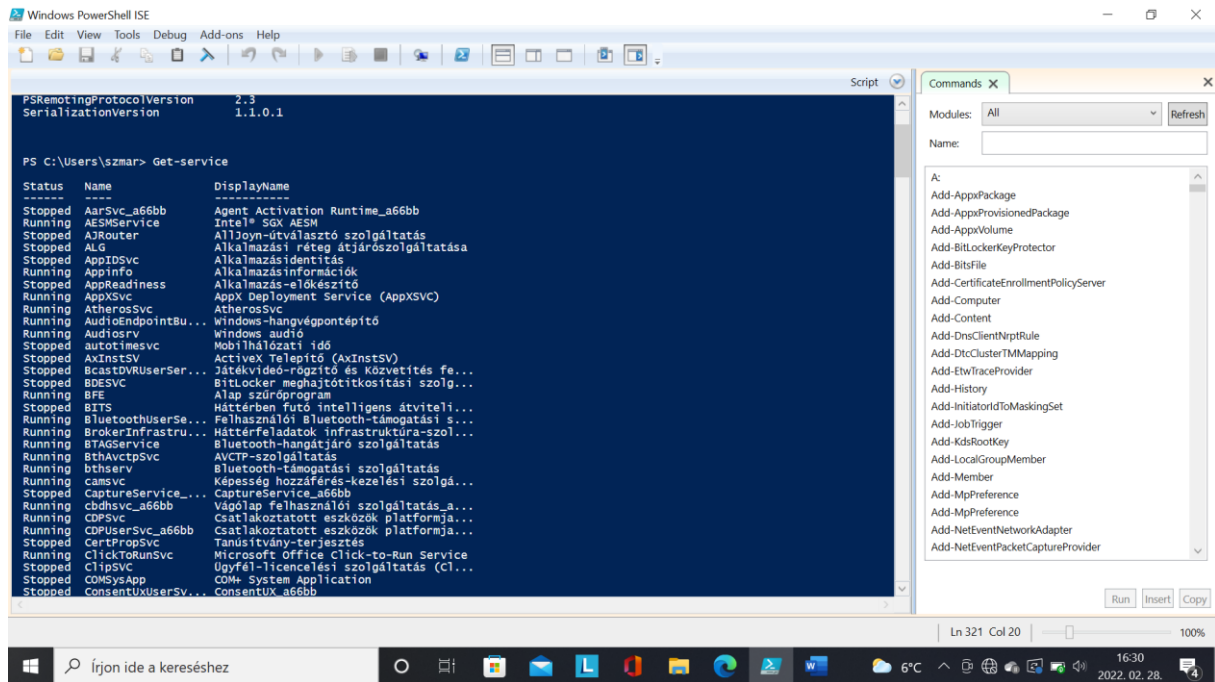
# 1.Feladat



# 2.Feladat

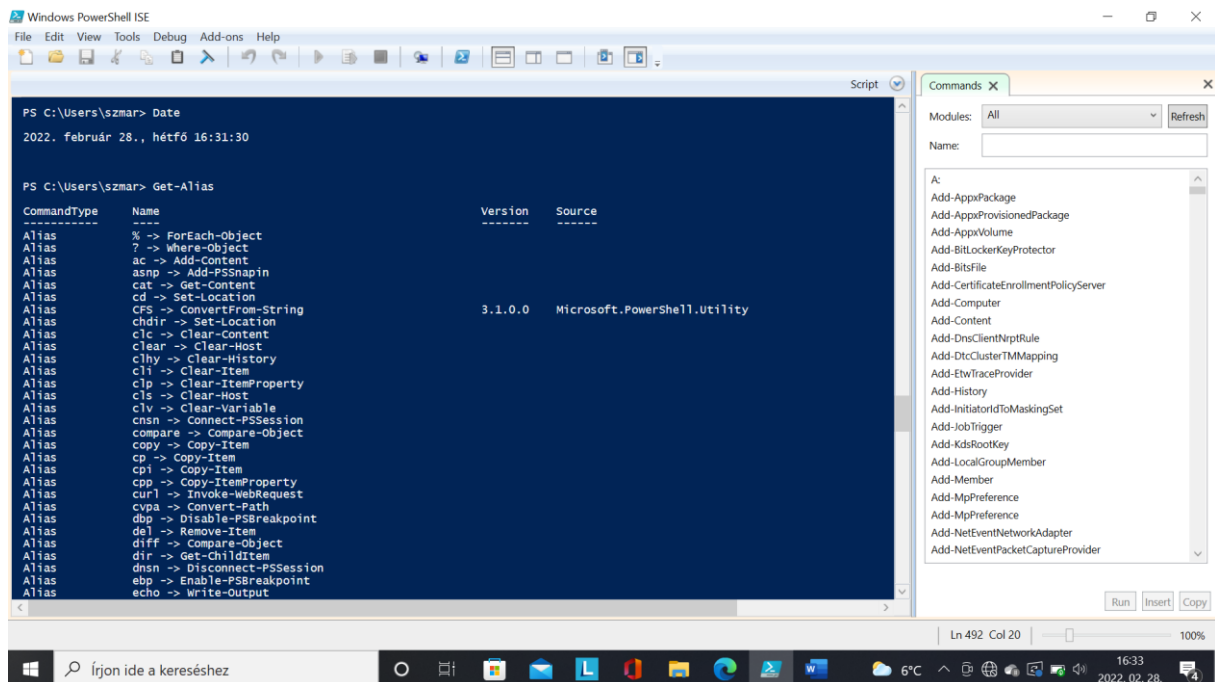


# 3.Feladat



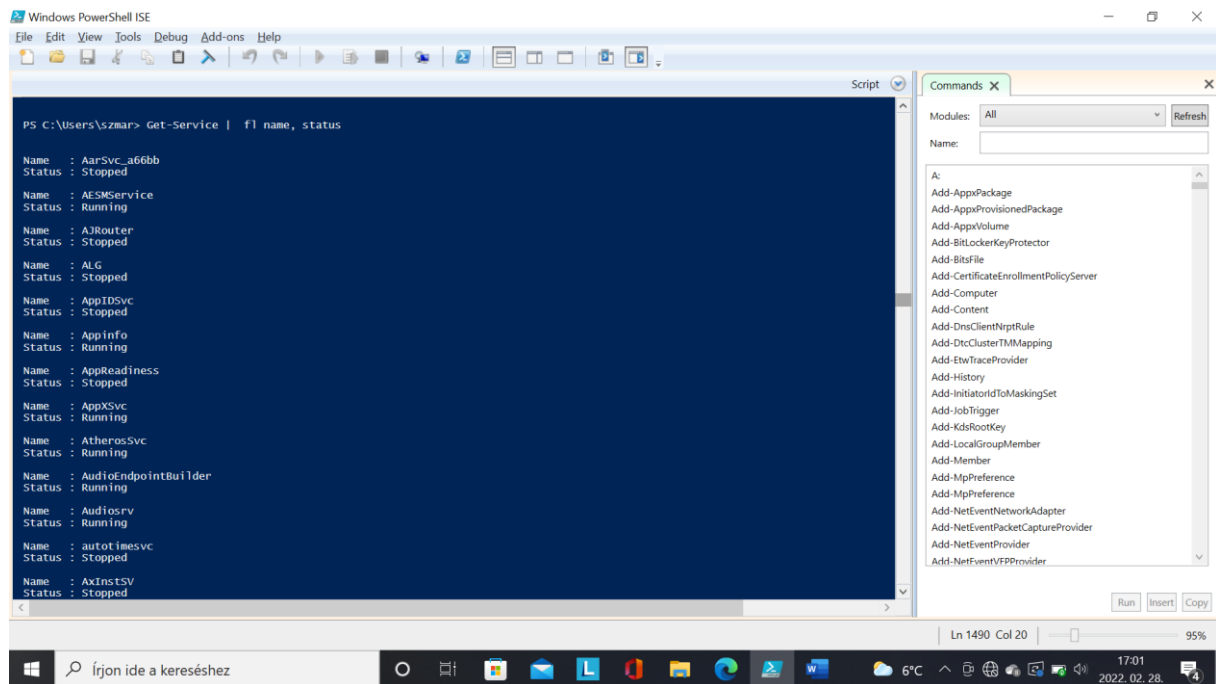
## 4.Feladat

## 5.Feladat



## 6.Feladat

## 7.Feladat



The screenshot shows the Windows PowerShell ISE interface. The main console displays the output of the command `Get-Service | fl name, status`. The output lists various services and their status. The right-hand pane shows the 'Commands' window with a list of available cmdlets.

```
PS C:\Users\szmar> Get-Service | fl name, status

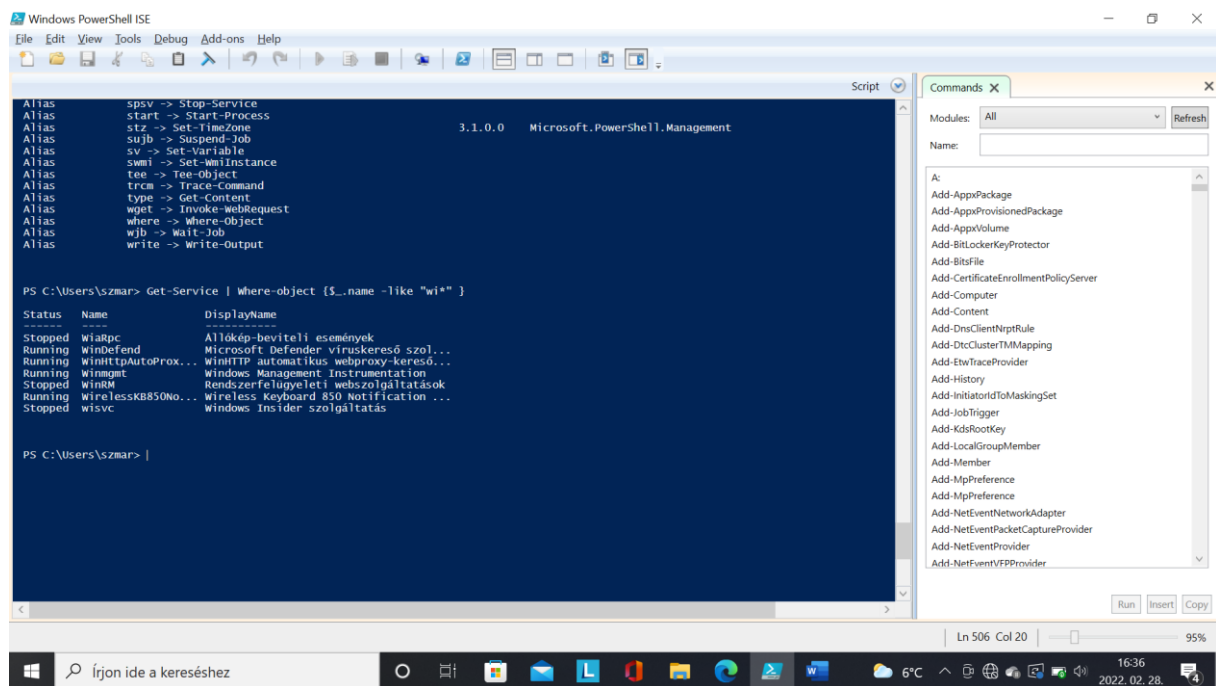
Name       : AarSvc_a66bb
Status      : Stopped
Name       : AESMSvc
Status      : Running
Name       : AllRouter
Status      : Stopped
Name       : ALG
Status      : Stopped
Name       : AppIDSvc
Status      : Stopped
Name       : AppInfo
Status      : Running
Name       : AppReadiness
Status      : Stopped
Name       : AppSvc
Status      : Running
Name       : AtherosSvc
Status      : Running
Name       : AudioEndpointBuilder
Status      : Running
Name       : Audiosrv
Status      : Running
Name       : autotimesvc
Status      : Stopped
Name       : AxInstSV
Status      : Stopped
```

The 'Commands' window on the right lists the following cmdlets:

- Add-AppxPackage
- Add-AppxProvisionedPackage
- Add-AppxVolume
- Add-BitLockerKeyProtector
- Add-BitsFile
- Add-CertificateEnrollmentPolicyServer
- Add-Computer
- Add-Content
- Add-DnsClientNrptRule
- Add-DtcClusterTMMapping
- Add-EtwTraceProvider
- Add-History
- Add-InitiatorIdToMaskingSet
- Add-JobTrigger
- Add-KdsRootKey
- Add-LocalGroupMember
- Add-Member
- Add-MpPreference
- Add-MpPreference
- Add-NetEventNetworkAdapter
- Add-NetEventPacketCaptureProvider
- Add-NetEventProvider
- Add-NetEventVFPProvider

## 8.Feladat

## 9.Feladat



The screenshot shows the Windows PowerShell ISE interface. The main console displays the output of the command `Get-Service | Where-Object {$_.Name -like "wi*"} | fl Name, DisplayName`. The output lists services whose names start with 'wi'. The right-hand pane shows the 'Commands' window with a list of available cmdlets.

```
PS C:\Users\szmar> Get-Service | Where-Object {$_.Name -like "wi*"} | fl Name, DisplayName

Name      DisplayName
-----
Stopped   WiaRpc      Allokép-beviteli események
Running   WinDefend   Microsoft Defender víruskereső szol...
Running   WinHttpAutoProx... WinHTTP automatikus webproxy-kereső...
Running   Winmgmt     Windows Management Instrumentation
Stopped   WinRM       Rendszerfelügyeleti webszolgáltatások
Running   WirelessKB850No... Wireless Keyboard 850 Notification ...
Stopped   Wscnterm   Windows Insider szolgáltatás
```

The 'Commands' window on the right lists the following cmdlets:

- Add-AppxPackage
- Add-AppxProvisionedPackage
- Add-AppxVolume
- Add-BitLockerKeyProtector
- Add-BitsFile
- Add-CertificateEnrollmentPolicyServer
- Add-Computer
- Add-Content
- Add-DnsClientNrptRule
- Add-DtcClusterTMMapping
- Add-EtwTraceProvider
- Add-History
- Add-InitiatorIdToMaskingSet
- Add-JobTrigger
- Add-KdsRootKey
- Add-LocalGroupMember
- Add-Member
- Add-MpPreference
- Add-MpPreference
- Add-NetEventNetworkAdapter
- Add-NetEventPacketCaptureProvider
- Add-NetEventProvider
- Add-NetEventVFPProvider

## 10.Feladat

Windows PowerShell ISE

File Edit View Tools Debug Add-ons Help

Script

```

Alias      tee -> Tee-Object
Alias      trcm -> Trace-Command
Alias      type -> Get-Content
Alias      wget -> Invoke-WebRequest
Alias      where -> Where-Object
Alias      wjb -> Wait-Job
Alias      write -> Write-Output

PS C:\Users\szmar> Get-Service | Where-Object {$_.name -like "wi*"}

Status Name DisplayName
-----
Stopped WiaRpc ATlókép-beviteli események
Running WinDefend Microsoft Defender víruskereső szol...
Running WinHttpAutoProx... WinHTTP automatikus webproxy-kereső...
Running Winmgmt Windows Management Instrumentation
Stopped WinRM Rendszerfelügyeleti webszolgáltatások
Running WirelessKB850No... Wireless Keyboard 850 Notification ...
Stopped wisvc Windows Insider szolgáltatás

PS C:\Users\szmar> Get-Service | Group-Object Status

Count Name Group
-----
162 Stopped {AarSvc_a66bb, AJRouter, ALG, AppIDSvc...}
136 Running {AESMSvc, AppInfo, AppSvc, AtherosSvc...}

PS C:\Users\szmar>

```

Commands

Modules: All Refresh

Name:

A:

- Add-AppxPackage
- Add-AppxProvisionedPackage
- Add-AppxVolume
- Add-BitLockerKeyProtector
- Add-BitsFile
- Add-CertificateEnrollmentPolicyServer
- Add-Computer
- Add-Content
- Add-DnsClientNrptRule
- Add-DtcClusterTMMMapping
- Add-EtwTraceProvider
- Add-History
- Add-InitiatorIdToMaskingSet
- Add-JobTrigger
- Add-KdsRootKey
- Add-LocalGroupMember
- Add-Member
- Add-MpPreference
- Add-MpPreference
- Add-NetEventNetworkAdapter
- Add-NetEventPacketCaptureProvider
- Add-NetEventProvider
- Add-NetEventVFPProvider

Run Insert Copy

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Írjon ide a kereséshez

6°C 16:38 2022. 02. 28.

## 11.Feladat

Windows PowerShell ISE

File Edit View Tools Debug Add-ons Help

Script

```

PS C:\Users\szmar> Get-Service | Where-Object {$_.name -like "wi*"}

Status Name DisplayName
-----
Stopped WiaRpc ATlókép-beviteli események
Running WinDefend Microsoft Defender víruskereső szol...
Running WinHttpAutoProx... WinHTTP automatikus webproxy-kereső...
Running Winmgmt Windows Management Instrumentation
Stopped WinRM Rendszerfelügyeleti webszolgáltatások
Running WirelessKB850No... Wireless Keyboard 850 Notification ...
Stopped wisvc Windows Insider szolgáltatás

PS C:\Users\szmar> Get-Service | Group-Object Status

Count Name Group
-----
162 Stopped {AarSvc_a66bb, AJRouter, ALG, AppIDSvc...}
136 Running {AESMSvc, AppInfo, AppSvc, AtherosSvc...}

PS C:\Users\szmar> Get-Process | Measure-Object

Count : 206
Average :
Sum :
Maximum :
Minimum :
Property :

PS C:\Users\szmar> |

```

Commands

Modules: All Refresh

Name:

A:

- Add-AppxPackage
- Add-AppxProvisionedPackage
- Add-AppxVolume
- Add-BitLockerKeyProtector
- Add-BitsFile
- Add-CertificateEnrollmentPolicyServer
- Add-Computer
- Add-Content
- Add-DnsClientNrptRule
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- Add-MpPreference
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- Add-NetEventPacketCaptureProvider
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- Add-NetEventVFPProvider

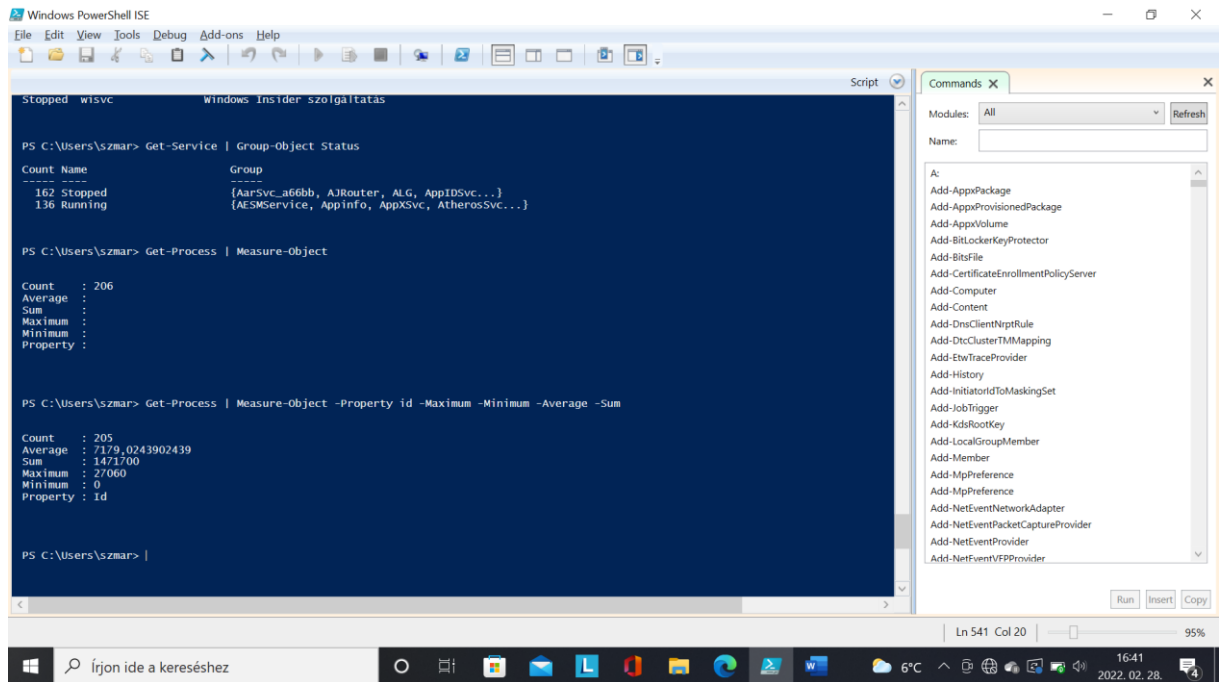
Run Insert Copy

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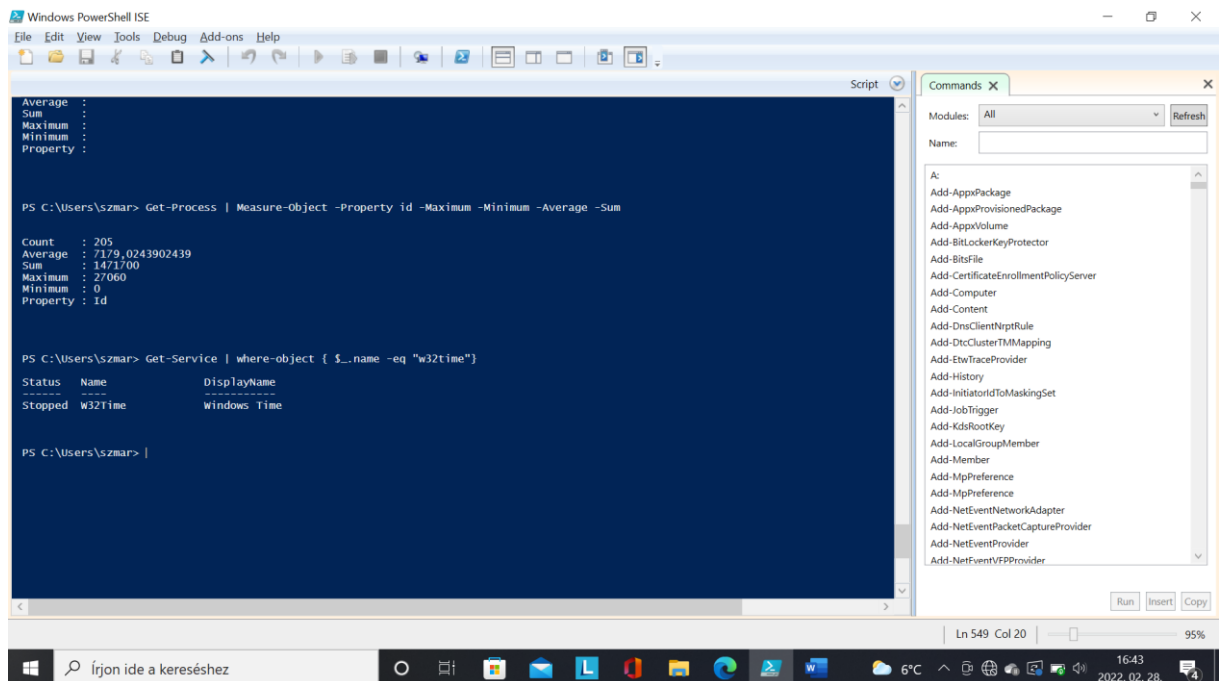
Írjon ide a kereséshez

6°C 16:40 2022. 02. 28.

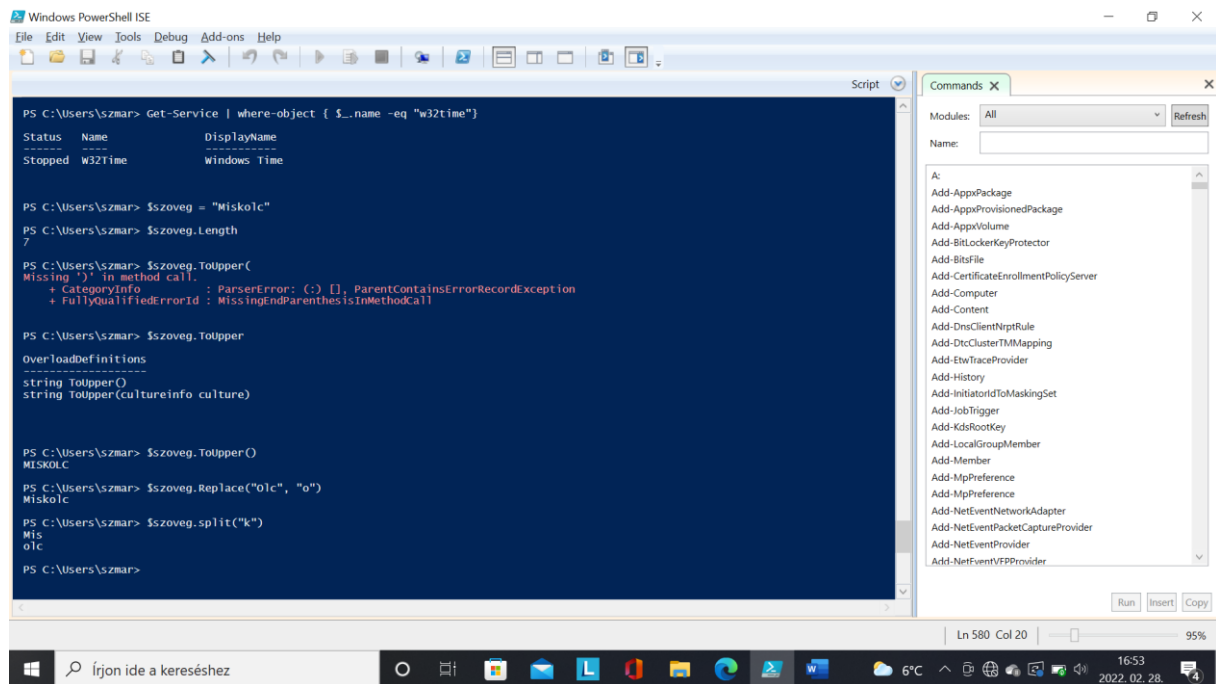
## 12.Feladat



## 13.Feladat



## 14-15.Feladat



The screenshot shows the Windows PowerShell ISE interface. The main console displays the following commands and their output:

```
PS C:\Users\szmar> Get-Service | where-object { $_.name -eq "w32time"}
Status Name DisplayName
-----
Stopped w32time Windows Time

PS C:\Users\szmar> $szoveg = "Miskolc"
PS C:\Users\szmar> $szoveg.Length
7

PS C:\Users\szmar> $szoveg.ToUpper()
Missing ')' in method call.
+ CategoryInfo          : ParserError: (:) [], ParentContainsErrorRecordException
+ FullyQualifiedErrorId : MissingEndParenthesisInMethodCall

PS C:\Users\szmar> $szoveg.ToUpper
OverloadDefinitions
-----
string ToUpper()
string ToUpper(cultureinfo culture)

PS C:\Users\szmar> $szoveg.ToUpper()
MISKOLC

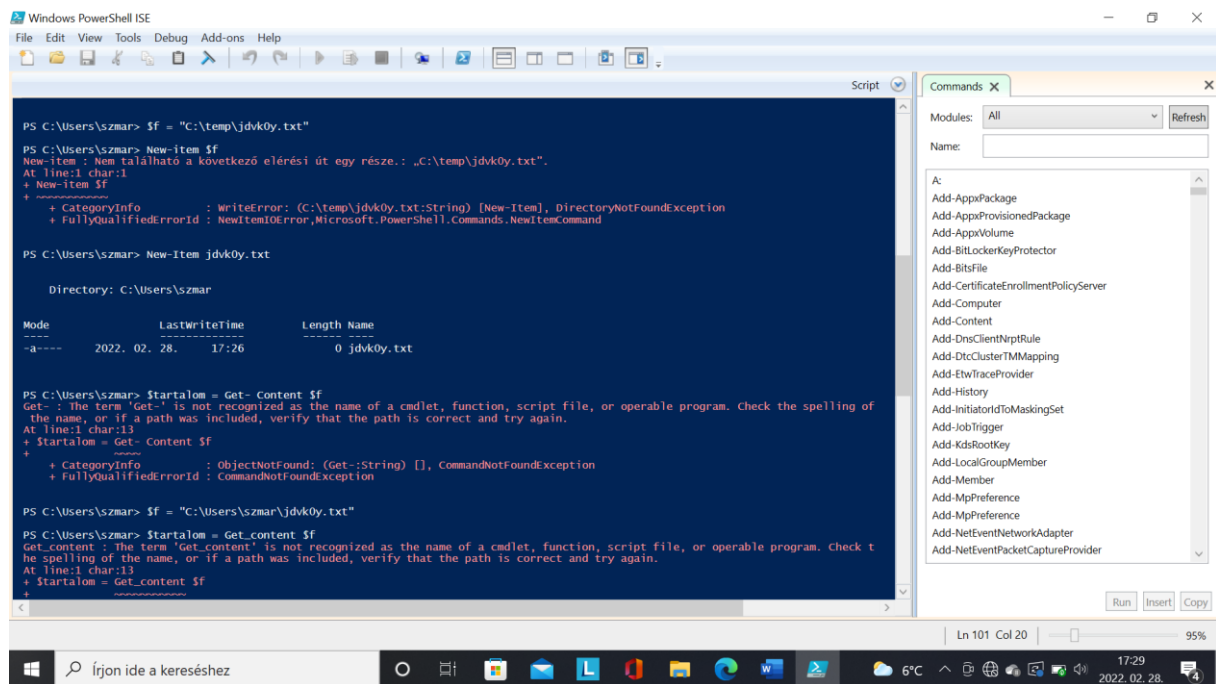
PS C:\Users\szmar> $szoveg.Replace("olc", "o")
Miskolc

PS C:\Users\szmar> $szoveg.split("k")
MIs
olc

PS C:\Users\szmar>
```

The right-hand pane shows the 'Commands' window with a list of modules and a search bar. The status bar at the bottom indicates 'Ln 580 Col 20' and '95%' zoom.

## 16.feladat



The screenshot shows the Windows PowerShell ISE interface. The main console displays the following commands and their output:

```
PS C:\Users\szmar> $f = "C:\temp\jdvk0y.txt"
PS C:\Users\szmar> New-item $f
New-item : Nem található a következő elérési út egy része.: „C:\temp\jdvk0y.txt”.
At line:1 char:1
+ New-item $f
+ ~~~~~
+ CategoryInfo          : WriteError: (C:\temp\jdvk0y.txt:String) [New-Item], DirectoryNotFoundException
+ FullyQualifiedErrorId : NewItemIOError;Microsoft.PowerShell.Commands.NewItemCommand

PS C:\Users\szmar> New-Item jdvk0y.txt

Directory: C:\Users\szmar

Mode                LastWriteTime         Length Name
----                -
-a-----         2022. 02. 28.    17:26             0 jdvk0y.txt

PS C:\Users\szmar> $startalom = Get-Content $f
Get-Content : The term 'Get-' is not recognized as the name of a cmdlet, function, script file, or operable program. Check the spelling of
the name, or if a path was included, verify that the path is correct and try again.
At line:1 char:13
+ $startalom = Get-Content $f
+ ~~~~~
+ CategoryInfo          : ObjectNotFound: (Get-:String) [], CommandNotFoundException
+ FullyQualifiedErrorId : CommandNotFoundException

PS C:\Users\szmar> $f = "C:\Users\szmar\jdvk0y.txt"
PS C:\Users\szmar> $startalom = Get-Content $f
Get-Content : The term 'Get-content' is not recognized as the name of a cmdlet, function, script file, or operable program. Check t
he spelling of the name, or if a path was included, verify that the path is correct and try again.
At line:1 char:13
+ $startalom = Get-content $f
+ ~~~~~
```

The right-hand pane shows the 'Commands' window with a list of modules and a search bar. The status bar at the bottom indicates 'Ln 101 Col 20' and '95%' zoom.