


```
Windows PowerShell

Directory: C:\Users\korne

Mode                LastWriteTime         Length Name
-----
d----- 2020.05.29.    21:27             .cache
d----- 2021.03.01.     8:32             .config
d----- 2021.02.08.     8:29             .eclipse
d----- 2019.06.27.    15:49             .git
d----- 2021.03.01.    11:49             .p2
d----- 2021.02.11.    11:58             .ssh
d----- 2021.02.08.     8:29             .tooling
d----- 2021.02.22.    15:36             .VirtualBox
d----- 2021.02.08.    14:55             3D Objects
d----- 2021.02.08.    14:55             Contacts
d----- 2021.03.02.    14:51             Desktop
d----- 2021.02.23.    15:19             Documents
d----- 2021.03.02.    14:36             Downloads
d----- 2021.02.08.    14:55             Favorites
d----- 2021.02.01.    11:59             IIT
d----- 2021.02.08.    14:55             Links
d----- 2021.02.08.    14:55             Music
d----- 2021.02.17.     8:08             OneDrive
d----- 2021.02.08.    14:55             Pictures
d----- 2021.02.08.    14:55             Saved Games
d----- 2021.02.08.    14:55             Searches
d----- 2021.02.08.    14:55             Videos
d----- 2021.02.22.    15:08             VirtualBox VMs
d----- 2021.02.11.    12:00             464 .bash_history
d----- 2021.02.11.    11:57             100 .gitconfig

PS C:\Users\korne> Get-Alias

CommandType Name Version Source
-----
Alias % -> ForEach-Object
Alias > -> Where-Object
Alias ac -> Add-Content
Alias asnp -> Add-PSnapin
Alias cat -> Get-Content
Alias cd -> Set-Location
Alias CFS -> ConvertFrom-String 3.1.0.0 Microsoft.PowerShell.Utility
Alias chdir -> Set-Location
Alias cll -> Clear-Content
Alias clear -> Clear-Host
Alias clhy -> Clear-History
Alias cli -> Clear-Item
Alias clip -> Clear-ItemProperty
Alias cls -> Clear-Host
Alias clv -> Clear-Variable
Alias cnan -> Connect-PSession
Alias compare -> Compare-Object
Alias copy -> Copy-Item
Alias cp -> Copy-Item
Alias cpi -> Copy-Item
Alias cpp -> Copy-ItemProperty
```

```
Windows PowerShell
248 19 25216 26186 4892 0 svchost
544 24 15768 16128 4780 0 svchost
369 16 2812 10124 4728 0 svchost
289 12 2348 8788 4812 0 svchost
129 9 1556 6116 4836 0 svchost
187 11 2144 8552 4944 0 svchost
132 7 1404 5368 5016 0 svchost
330 18 4228 19480 5088 0 svchost
102 7 1344 5228 5124 0 svchost
384 23 3536 11928 5412 0 svchost
192 11 8308 17564 5892 0 svchost
216 12 2348 10892 6688 0 svchost
480 21 5104 17780 6824 0 svchost
338 16 4076 32640 7184 1 svchost
290 15 3848 14984 7260 0 svchost
760 80 25496 31116 8364 0 svchost
119 8 1420 6168 8400 0 svchost
522 22 4520 21540 8436 0 svchost
213 11 2404 11152 8772 0 svchost
363 17 4104 15824 9332 0 svchost
255 14 2816 12148 9660 1 svchost
134 9 1524 10688 10072 0 svchost
280 13 4420 10068 10088 0 svchost
217 16 1908 6952 11198 0 svchost
273 13 5440 19220 12672 0 svchost
216 12 2552 9696 12880 0 svchost
144 10 2500 7520 0,03 6056 1 SymLenovoHelper
647 16 6826 28040 70,95 5528 1 SynTPEnh
259 8 1456 5740 4984 0 SynTPEnhService
75 7 1852 4660 0,63 3628 1 SynTPHelper
115 8 1076 6544 0,02 6844 1 SynTPUp
4159 0 196 136 4 0 System
315 16 3796 15684 1,05 9296 1 TabTip
305 27 7976 18624 0,86 2652 1 taskhostw
327 26 32896 90656 0,53 1816 1 Teams
298 22 23212 74040 0,08 4376 1 Teams
541 38 85048 85594 10,41 7500 1 Teams
456 22 15548 41616 1,83 9588 1 Teams
335 20 11284 60248 0,22 18664 1 Teams
460 131 270064 251104 126,84 10716 1 Teams
1127 66 152676 115288 19,88 11144 1 Teams
291 59 75700 89280 4,64 12820 1 Teams
1072 51 113600 110592 6,36 13020 1 Teams
521 23 14236 41360 0,56 6532 1 TextInputHost
144 9 1628 6224 5024 0 TraceConceptX
283 23 12048 16340 5960 0 um.Rtl
199 18 4012 8932 720 0 um.sso
129 8 1564 7588 5660 0 unsecapp
634 36 20764 7028 0,52 3696 1 Video UI
165 11 1360 6588 832 0 wininit
276 12 2768 11276 1200 0 winlogon
1434 79 100264 165828 7,31 12480 1 WinMGRD
183 11 2612 9668 4864 0 WmiPrvSE
327 15 2804 8792 7852 0 WmiPrvSE
751 48 29372 2140 0,92 8680 1 YourPhone

PS C:\Users\korne>

PS C:\Users\korne> Get-Process
CommandType Name Version Source
-----
Alias processz -> Get-Process

PS C:\Users\korne> Get-Service | fl name, status
Name : AesSvc_2cFlid
Status : Stopped
Name : A3Router
Status : Stopped
Name : ALG
Status : Stopped
Name : almservice
Status : Running
Name : AppIDSvc
Status : Stopped
Name : AppInfo
Status : Running
Name : AppMgmt
Status : Stopped
Name : AppReadiness
Status : Stopped
Name : AppVClient
Status : Stopped
Name : AppXSvc
Status : Running
Name : AssignedAccessManagerSvc
Status : Stopped
Name : AudioEndpointBuilder
Status : Running
Name : Audiosrv
Status : Running
Name : autotimesvc
Status : Stopped
```



```
Windows PowerShell
PS C:\Users\korne> Get-Service | Where-Object { $_.Name -eq "w32time" }

Status Name DisplayName
-----
Stopped W32Time Windows Time

PS C:\Users\korne> Get-Service | Where-Object { $_.Name -like "w32*" }

Status Name DisplayName
-----
Stopped W32Time Windows Time
Running WinDefend Microsoft Defender víruskereső szol...
Running WinHttpAutoProx... MiniHTTP automatikus webproxy-kereső...
Running Winmgmt Windows Management Instrumentation
Stopped WinRM Reménytelenül elhárított hibák
Stopped WslSvc Windows Insider szolgáltatás

PS C:\Users\korne> Get-Service | Group-Object status

Count Name Group
-----
177 Stopped {alsSvc, _cfid, A3Router, ALG, AppIDSvc...}
107 Running {alsService, AppInfo, AppSvc, AudioEndpointBuilder...}
1 Paused {cortsmartserver}

PS C:\Users\korne> Get-Process | ForEach-Object { $_.Id * 2 }

13360
9152
6264
9184
2032
6424
6480
6648
7912
8936
9168
10448
10848
11040
12448
12840
18320
10760
11424
22200
12360
13120
24352
15744
15940
12376
```

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Windows PowerShell
PS C:\Users\korne> Get-Process | Measure-Object -Property Id -Maximum -Minimum
>> -Average -Sum

Count : 209
Average :
Sum :
Maximum : 12192
Minimum : 0
Property : Id

Average : The term 'Average' 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:2 char:1
+ ~~~~~
+ ~~~~~
+ CategoryInfo          : (ObjectNotFound: (-Average:String))[]:CommandNotFoundException
+ FullyQualifiedErrorId : CommandNotFoundException

PS C:\Users\korne> (Get-Service).count_
285
PS C:\Users\korne> $x = (Get-Service)
PS C:\Users\korne> $x.count
285
PS C:\Users\korne> $x = 5
PS C:\Users\korne> $x | Get-Member

TypeName: System.Int32

Name MemberType Definition
-----
CompareTo Method Int CompareTo(System.Object value), Int CompareTo(int value), Int IComparable.CompareTo(System.Object obj), Int IComparable[int].CompareTo(int other)
Equals Method bool Equals(System.Object obj), bool Equals(int obj), bool IEquatable[int].Equals(int other)
GetHashCode Method Int GetHashCode()
GetType Method Type GetType()
GetTypeCode Method System.TypeCode GetTypeCode(), System.TypeCode IConvertible.GetTypeCode()
ToBoolean Method bool IConvertible.ToBoolean(System.IFormatProvider provider)
ToByte Method byte IConvertible.ToByte(System.IFormatProvider provider)
ToChar Method char IConvertible.ToChar(System.IFormatProvider provider)
ToDateTime Method datetime IConvertible.ToDateTime(System.IFormatProvider provider)
ToDecimal Method decimal IConvertible.ToDecimal(System.IFormatProvider provider)
ToDouble Method double IConvertible.ToDouble(System.IFormatProvider provider)
ToInt16 Method Int16 IConvertible.ToInt16(System.IFormatProvider provider)
ToInt32 Method Int IConvertible.ToInt32(System.IFormatProvider provider)
ToInt64 Method long IConvertible.ToInt64(System.IFormatProvider provider)
ToSByte Method sbyte IConvertible.ToSByte(System.IFormatProvider provider)
ToSingle Method float IConvertible.ToSingle(System.IFormatProvider provider)
ToString Method string ToString(), string ToString(string format), string ToString(System.IFormatProvider provider), string ToString(string format, System.IFormatProvider provider), string IFormattable.ToString(str...
ToType Method System.Object IConvertible.ToType(type conversionType, System.IFormatProvider provider)
ToUInt16 Method UInt16 IConvertible.ToUInt16(System.IFormatProvider provider)
ToUInt32 Method UInt32 IConvertible.ToUInt32(System.IFormatProvider provider)
ToUInt64 Method UInt64 IConvertible.ToUInt64(System.IFormatProvider provider)

PS C:\Users\korne>
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Windows PowerShell

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-Average -Sum
+ CategoryInfo          : ObjectNotFound: (Average:String) [], CommandNotFoundException
+ FullyQualifiedErrorId : CommandNotFoundException

PS C:\Users\korne> (Get-Service).count
485
PS C:\Users\korne> $s = (Get-Service)
PS C:\Users\korne> $s.count
485
PS C:\Users\korne> $s | Where-Object { $_.Status -eq 'Running' }
PS C:\Users\korne> $s | Get-Member

TypeName: System.Int32
Name      MemberType Definition
-----
CompareTo Method    int CompareTo(System.Object value),
Equals     Method    bool Equals(System.Object obj), bool
GetHashCode Method    int GetHashCode()
GetType   Method    type GetType()
GetTypeCode Method    System.TypeCode GetTypeCode(), System.TypeCode IConvertible.GetTypeCode()
ToBoolean Method    bool IConvertible.ToBoolean(System.IForma
ToByte     Method    byte IConvertible.ToByte(System.IForma
ToChar     Method    char IConvertible.ToChar(System.IForma
ToDateTime Method    datetime IConvertible.ToDateTime(Sys
ToDecimal  Method    decimal IConvertible.ToDecimal(Sys
ToDouble   Method    double IConvertible.ToDouble(Sys
ToInt16    Method    int16 IConvertible.ToInt16(System.I
ToInt32    Method    int IConvertible.ToInt32(System.IFo
ToInt64    Method    long IConvertible.ToInt64(System.IF
ToSByte    Method    sbyte IConvertible.ToSByte(System.I
ToSingle   Method    float IConvertible.ToSingle(System
ToString   Method    string ToString(), string ToString(
ToType     Method    System.Object IConvertible.ToType(t
ToUInt16   Method    uint16 IConvertible.ToUInt16(Syste
ToUInt32   Method    uint32 IConvertible.ToUInt32(Syste
ToUInt64   Method    uint64 IConvertible.ToUInt64(Syste

PS C:\Users\korne> $szoveg = "Hiskolc"
PS C:\Users\korne> $szoveg -on élek.
Hiskolc-on élek.
PS C:\Users\korne> $szoveg -on élek.
Hiskolc-on élek.
PS C:\Users\korne> $szoveg -on élek.
Hiskolc-on élek.
PS C:\Users\korne> $szoveg.Length
7
PS C:\Users\korne> $szoveg.ToUpper()
HISKOLC
PS C:\Users\korne> $szoveg.Replace('kolc', 'ka')
Hiska
PS C:\Users\korne> $szoveg.Split('s')
Hl
kolc
PS C:\Users\korne> Get-Service Out-GridView
PS C:\Users\korne>

```

Get-Service Out-GridView

Status	Name	DisplayName
Stopped	AarSvc_2cfd	AarSvc_2cfd
Stopped	AlRouter	Alloym-útválasztó szolgáltatás
Stopped	ALG	Alkalmazási réteg átjárószolgáltatás
Running	almservice	Automation License Manager Service
Stopped	AppIDSvc	Alkalmazásidentitás
Running	AppInfo	Alkalmazásinformációk
Stopped	AppMgmt	Alkalmazáskezelés
Stopped	AppReadiness	Alkalmazás-előkészítő
Stopped	AppVClient	Microsoft App-V Client
Running	AppXSvc	AppX Deployment Service (AppXSVC)
Stopped	AssignedAccessManagerSvc	AssignedAccessManager szolgáltatás
Running	AudioEndpointBuilder	Windows-hangvégpontépítő
Running	AudioSvc	Windows audio
Stopped	autotimesvc	Mobilhálózati idő
Stopped	AxInstSV	ActiveX Telepbő (AxInstSV)
Stopped	BcastDVRUserService_2cfd	BcastDVRUserService_2cfd
Running	BcmDRSupport	Bluetooth Driver Management Service
Stopped	BDESVC	BitLocker meghajtótökösítési szolgáltatás
Running	BFE	Alap szűrőprogram
Stopped	BITS	Háttérben futó intelligens átviteli szolgáltatás
Stopped	BluetoothUserService_2cfd	BluetoothUserService_2cfd
Running	BrokerInfrastructure	Háttérfeladatok infrastruktúra-szolgáltatása
Stopped	BTAGService	Háttérben futó hangátviteli szolgáltatás
Running	BthAvctpSvc	AVCTP-szolgáltatás

15:01
2021.03.02

Windows PowerShell

```

TypeName: System.Int32
Name      MemberType Definition
-----
CompareTo Method    int CompareTo(System.Object value), int CompareTo(int value), int IComparable.CompareTo(System.Object obj), int IComparable[int].CompareTo(int other)
Equals     Method    bool Equals(System.Object obj), bool Equals(int obj), bool IEquatable[int].Equals(int other)
GetHashCode Method    int GetHashCode()
GetType   Method    type GetType()
GetTypeCode Method    System.TypeCode GetTypeCode(), System.TypeCode IConvertible.GetTypeCode()
ToBoolean Method    bool IConvertible.ToBoolean(System.IFormatProvider provider)
ToByte     Method    byte IConvertible.ToByte(System.IFormatProvider provider)
ToChar     Method    char IConvertible.ToChar(System.IFormatProvider provider)
ToDateTime Method    datetime IConvertible.ToDateTime(System.IFormatProvider provider)
ToDecimal  Method    decimal IConvertible.ToDecimal(System.IFormatProvider provider)
ToDouble   Method    double IConvertible.ToDouble(System.IFormatProvider provider)
ToInt16    Method    int16 IConvertible.ToInt16(System.IFormatProvider provider)
ToInt32    Method    int IConvertible.ToInt32(System.IFormatProvider provider)
ToInt64    Method    long IConvertible.ToInt64(System.IFormatProvider provider)
ToSByte    Method    sbyte IConvertible.ToSByte(System.IFormatProvider provider)
ToSingle   Method    float IConvertible.ToSingle(System.IFormatProvider provider)
ToString   Method    string ToString(), string ToString(string format), string ToString(System.IFormatProvider provider), string IFormattable.ToString(str...
ToType     Method    System.Object IConvertible.ToType(Type conversionType, System.IFormatProvider provider)
ToUInt16   Method    uint16 IConvertible.ToUInt16(System.IFormatProvider provider)
ToUInt32   Method    uint32 IConvertible.ToUInt32(System.IFormatProvider provider)
ToUInt64   Method    uint64 IConvertible.ToUInt64(System.IFormatProvider provider)

PS C:\Users\korne> $szoveg = "Hiskolc"
PS C:\Users\korne> $szoveg -on élek.
Hiskolc-on élek.
PS C:\Users\korne> $szoveg -on élek.
Hiskolc-on élek.
PS C:\Users\korne> $szoveg -on élek.
Hiskolc-on élek.
PS C:\Users\korne> $szoveg.Length
7
PS C:\Users\korne> $szoveg.ToUpper()
HISKOLC
PS C:\Users\korne> $szoveg.Replace('kolc', 'ka')
Hiska
PS C:\Users\korne> $szoveg.Split('s')
Hl
kolc
PS C:\Users\korne> Get-Service Out-GridView
PS C:\Users\korne>
C:\neptunkod.txt
PS C:\Users\korne> $neptunkod = Get-Content $s
Get-Content : Cannot bind argument to parameter 'Path' because it is null.
At line:1 char:16
+ $neptunkod = Get-Content $s
~
+ CategoryInfo          : InvalidData: (:) [Get-Content], ParameterBindingValidationException
+ FullyQualifiedErrorId : ParameterArgumentValidationErrorNullNotAllowed,Microsoft.PowerShell.Commands.GetContentCommand

PS C:\Users\korne> "C"
PS C:\Users\korne> $neptunkod
PS C:\Users\korne> $neptunkod.Count
0
PS C:\Users\korne> $neptunkod.Count
0
PS C:\Users\korne>

```

15:02
2021.03.02