

```
Administrator: Windows PowerShell
Windows PowerShell
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PS C:\Windows\system32> cd ..
PS C:\Windows> cd ..
PS C:\> get-date
Tuesday, February 9, 2021 9:56:17 PM

PS C:\> get-item
cmdlet Get-Item at command pipeline position 1
Supply values for the following parameters:
Path[0]: parameter
Path[1]: stringPS C:\> AC
PS C:\> command:get-ChildItem
command:get-ChildItem : The term 'command:get-ChildItem' is not recognized as the name of a cmdlet, function or script file. 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:1
+ command:get-ChildItem
+ ~~~~~
+ CategoryInfo          : ObjectNotFound: (command:get-ChildItem:String) [], CommandNotFoundException
+ FullyQualifiedErrorId : CommandNotFoundException
```

```
PS C:\> get-childitem
```

```
Directory: C:\
```

Mode	LastWriteTime	Length	Name
d----	1/9/2021 4:24 AM		AMD
d----	1/9/2021 4:29 AM		Intel
d----	7/10/2015 4:04 AM		PerfLogs
d-r---	1/9/2021 5:12 AM		Program Files
d-r---	2/8/2021 7:04 PM		Program Files (x86)
d-r---	1/9/2021 4:13 AM		Users
d----	2/8/2021 7:03 PM		vmware
d----	1/20/2021 10:45 PM		Windows

```
PS C:\> cd Users
```

```
PS C:\Users> get-childitem
```

```
Directory: C:\Users
```

Mode	LastWriteTime	Length	Name
d-r---	1/20/2021 4:57 PM		Public
d----	1/12/2021 6:19 PM		user

```
PS C:\Users> cdpublic
```

```
cdpublic : The term 'cdpublic' is not recognized as the name of a cmdlet, function, script file, or the path is incorrect. And try again.
```



Search the web and Windows



```
PS C:\Users\public> cd ..  
PS C:\Users> cd ..  
PS C:\> get-childitem -path 'C:\Users'  
  
Directory: C:\Users  
  
Mode                LastWriteTime         Length Name  
----                <-----              -----  
d-r---        1/20/2021   4:57 PM          0    Public  
d----        1/12/2021   6:19 PM          0    user  
  
PS C:\> get-childitem -path 'C:\\' -name  
AMD  
Intel  
PerfLogs  
Program Files  
Program Files (x86)  
Users  
vmware  
Windows  
PS C:\> get-childitem -path 'C:\Users\coding-machine' -name  
PS C:\> get-childitem -path 'C:\Users\coding-machine\coding with ms' -name  
get-childitem : Cannot find path 'C:\Users\coding-machine\coding with ms' because it does not exist.  
At line:1 char:1  
+ get-childitem -path 'C:\Users\coding-machine\coding with ms' -name  
+ ~~~~~  
+ CategoryInfo          : ObjectNotFound: (C:\Users\coding-machine\coding with ms:St...  
+ FullyQualifiedErrorId : PathNotFound,Microsoft.PowerShell.Commands.GetChildItemCommand  
  
PS C:\> get-childitem -path 'C:\Users\coding-machine\programming with ms' -name  
PS C:\>
```

Administrator: Windows PowerShell

PS C:\> get-childitem -recurse

Directory: C:\

Mode	LastWriteTime	Length	Name
d----	1/9/2021 4:24 AM		AMD
d----	1/9/2021 4:29 AM		Intel
d----	7/10/2015 4:04 AM		PerfLogs
d-r---	1/9/2021 5:12 AM		Program Files
d-r---	2/8/2021 7:04 PM		Program Files (x86)
d-r---	2/9/2021 10:04 PM		Users
d----	2/8/2021 7:03 PM		vmware
d----	1/20/2021 10:45 PM		Windows

Directory: C:\AMD

Mode	LastWriteTime	Length	Name
d----	1/9/2021 4:24 AM		WU-CCC2

Directory: C:\AMD\WU-CCC2

Mode	LastWriteTime	Length	Name
d----	1/9/2021 4:24 AM		ccc2_install

Directory: C:\AMD\WU-CCC2\ccc2\_install

Mode	LastWriteTime	Length	Name
d----	1/9/2021 4:24 AM		CN
d----	1/9/2021 4:24 AM		Support
d----	1/9/2021 4:24 AM		Support64
d----	1/9/2021 4:24 AM		VC12RTx64
d----	1/9/2021 4:24 AM		VC12RTx86
d----	1/9/2021 4:24 AM		VC13RTx64
d----	1/9/2021 4:24 AM		VC13RTx86
a-	8/17/2010 8:42 PM	6527	CCC.dat
a-	11/10/2003 4:25 AM	459544	engine32.cab
a-	10/16/2015 1:32 AM	5097	install.ini
a-	10/14/2015 5:18 AM	73	LaunchApp.bat
a-	8/17/2010 8:42 PM	6656	UCI_ext.dll
a-	1/9/2021 4:25 AM	8956	WUCNLog.log
a-	5/23/2016 1:43 AM	415232	WULaunchApp.exe

PS C:\> cd users		
PS C:\users> get-childitem -recurse		
<b>Directory: C:\users</b>		
Mode	LastWriteTime	Length Name
-	-	-
d----	2/9/2021 10:06 PM	coding-machine
d----	1/20/2021 4:57 PM	Public
d----	1/12/2021 6:19 PM	user
<b>Directory: C:\users\coding-machine</b>		
Mode	LastWriteTime	Length Name
-	-	-
d----	2/9/2021 10:06 PM	programming with ms
<b>Directory: C:\users\Public</b>		
Mode	LastWriteTime	Length Name
-	-	-
d----	7/10/2015 5:21 AM	Documents
d----	7/10/2015 4:04 AM	Downloads
d----	7/10/2015 4:04 AM	Music
d----	7/10/2015 4:04 AM	Pictures
d----	7/10/2015 4:04 AM	Videos
-a---	1/9/2021 4:25 AM	1516 CAFADEBUG.1og
-a---	2/9/2021 9:37 AM	1388432 VOIP.dat
<b>Directory: C:\users\user</b>		
Mode	LastWriteTime	Length Name
-	-	-
d----	1/9/2021 5:16 AM	Contacts
d----	2/9/2021 8:04 AM	Desktop
d----	1/20/2021 11:19 AM	Documents
d----	2/8/2021 7:51 PM	Downloads
d----	1/9/2021 5:16 AM	Favorites
d----	1/9/2021 5:16 AM	Links
d----	1/9/2021 5:16 AM	Music

```

Administrator: Windows PowerShell
-a---- 2/5/2021 1:43 PM 3343872 SecureExamBrowserInstaller_1.3.7 (5).msi
-a---- 2/5/2021 1:50 PM 3343872 SecureExamBrowserInstaller_1.3.7 (6).msi
-a---- 2/5/2021 1:51 PM 3343872 SecureExamBrowserInstaller_1.3.7 (7).msi
-a---- 2/5/2021 1:51 PM 3343872 SecureExamBrowserInstaller_1.3.7 (8).msi
-a---- 2/5/2021 1:53 PM 3343872 SecureExamBrowserInstaller_1.3.7 (9).msi
-a---- 2/5/2021 1:53 PM 3343872 SecureExamBrowserInstaller_1.3.7.msi
-a---- 1/12/2021 5:11 PM 49696 Steps to Apply Original Degree (1).pdf
-a---- 1/12/2021 5:01 PM 49696 Steps to Apply Original Degree.pdf
-a---- 2/8/2021 9:31 AM 1384728 TeamsSetupx64_s_8D8CBE5C4893566-7-0_.exe
-a---- 2/8/2021 9:32 AM 1384728 TeamsSetupx64_s_8D8CBE5DF723B0C-7-0_.exe
-a---- 2/8/2021 6:56 PM 225842480 VMware-player-16.1.0-17198959.exe

Directory: C:\users\user\Favorites

Mode           LastWriteTime          Length Name
----           -----              ---- 
d-r---          1/9/2021  3:57 AM        0     Links
-a----          1/9/2021  3:57 AM      208  Bing.url

Directory: C:\users\user\Links

Mode           LastWriteTime          Length Name
----           -----              ---- 
-a----          1/9/2021  5:16 AM       489  Desktop.lnk
-a----          1/9/2021  5:16 AM      922  Downloads.lnk

Directory: C:\users\user\Pictures

Mode           LastWriteTime          Length Name
----           -----              ---- 
d-r---          1/9/2021  3:57 AM        0     Camera Roll
d-r---          1/9/2021  3:57 AM        0     Saved Pictures
d-r---          1/27/2021 4:01 PM        0     Screenshots

Directory: C:\users\user\Searches

Mode           LastWriteTime          Length Name
----           -----              ---- 
-a----          1/9/2021  3:58 AM      848  winrt--{5-1-5-21-776984245-1500301827-88482521-1001}--

Directory: C:\users\user\Videos

Mode           LastWriteTime          Length Name
----           -----              ---- 
d-r---          1/27/2021 2:34 PM        0     Captures

```

```
PS C:\users> get-childitem -path c:\users -depth 1
```

```
Directory: C:\users
```

Mode	LastWriteTime	Length	Name
d-----	2/9/2021 10:06 PM		coding-machine
d-r---	1/20/2021 4:57 PM		Public
d-----	1/12/2021 6:19 PM		user

```
PS C:\users> get-childitem -path c:\users\coding-machine -depth 1
```

```
Directory: C:\users\coding-machine
```

Mode	LastWriteTime	Length	Name
d-----	2/9/2021 10:06 PM		programming with ms

```
PS C:\users> _
```



Search the web and Windows



```
PS C:\users> get-item .
```

```
Directory: C:\
```

Mode	LastWriteTime	Length	Name
----	-----	-----	-----
d-r---	2/9/2021 10:04 PM		users

```
PS C:\users> _
```



Search the web and Windows

```
PS C:\users> get-item ..
```

Directory: C:\

Mode	LastWriteTime	Length	Name
----	-----	-----	-----
d-r---	2/9/2021 10:04 PM		users

```
PS C:\users> cd ..
```

```
PS C:\> cd windows
```

```
PS C:\windows> get-item
```

cmdlet Get-Item at command pipeline position 1

Supply values for the following parameters:

Path[0]: get-item .

Path[1]: PS C:\windows> AC

PS C:\windows> get-item .

Directory: C:\

Mode	LastWriteTime	Length	Name
----	-----	-----	-----
d----	1/20/2021 10:45 PM		windows

```
PS C:\windows> _
```



Search the web and Windows



```
PS C:\windows> get-item *
```

Directory: C:\windows

Mode	LastWriteTime	Length	Name
d----			
d----	7/10/2015 4:04 AM		addins
d----	1/9/2021 5:18 AM		appcompat
d----	1/9/2021 5:12 AM		AppPatch
d-r--	1/9/2021 5:16 AM		AppReadiness
d----	1/9/2021 4:57 AM		assembly
d----	1/10/2021 12:07 PM		AVHealthMonitor
d----	7/10/2015 4:04 AM		Boot
d----	7/10/2015 4:04 AM		Branding
d----	1/17/2021 12:33 PM		CbsTemp
d----	1/9/2021 4:26 AM		Cnxt
d----	1/9/2021 5:22 PM		CSC
d----	7/10/2015 4:04 AM		Cursors
d-r--	1/9/2021 4:37 AM		debug
d-r--	7/10/2015 4:04 AM		DesktopTileResources
d----	1/9/2021 5:12 AM		DevicesFlow
d----	7/10/2015 4:04 AM		diagnostics
d----	7/10/2015 6:19 AM		DigitalLocker
d----	7/10/2015 4:04 AM		Downloaded Program Files
d-r-s-	7/10/2015 6:11 AM		en-US
d----	1/10/2021 12:06 PM		Fonts
d----	7/10/2015 4:04 AM		Globalization
d----	1/10/2021 11:37 AM		Help
d-r--	7/10/2015 6:19 AM		IME
d----	1/9/2021 5:12 AM		ImmersiveControlPanel
d----	2/8/2021 7:04 PM		INF
d----	7/10/2015 4:04 AM		InfusedApps
d----	7/10/2015 4:04 AM		InputMethod
d----	1/9/2021 5:12 AM		L2Schemas
d----	1/19/2021 6:13 PM		LastGood.Tmp
d----	1/10/2021 11:32 AM		LiveKernelReports
d-r-s-	1/21/2021 12:08 PM		Logs
d----	7/10/2015 4:04 AM		Media
d----	2/9/2021 10:04 AM		Microsoft.NET
d-r--	7/10/2015 4:04 AM		Migration
d----	1/9/2021 3:57 AM		MiracastView
d----	7/10/2015 4:04 AM		ModemLogs
d-r--	7/10/2015 6:12 AM		OCR
d----	1/9/2021 4:04 AM		Offline Web Pages
d----	1/9/2021 4:37 AM		Panther
d----	1/9/2021 4:56 AM		PCHEALTH
d----	7/10/2015 4:04 AM		Performance
d----	7/10/2015 4:04 AM		PLA
d----	1/9/2021 5:12 AM		PolicyDefinitions
d-r--	2/9/2021 10:04 PM		Prefetch
d----	1/9/2021 5:12 AM		PrintDialog
d-r--	1/9/2021 5:12 AM		Provisioning
d----	1/9/2021 5:12 AM		PurchaseDialog
d----	7/10/2015 4:04 AM		Registration
d----	1/21/2021 2:33 PM		rescache



Search the web and Windows



```
PS C:\windows> get-item c:\*
```

Directory: C:\

Mode	LastWriteTime	Length	Name
d----	1/9/2021 4:24 AM		AMD
d----	1/9/2021 4:29 AM		Intel
d----	7/10/2015 4:04 AM		PerfLogs
d-r---	1/9/2021 5:12 AM		Program Files
d-r---	2/8/2021 7:04 PM		Program Files (x86)
d-r---	2/9/2021 10:04 PM		Users
d----	2/8/2021 7:03 PM		vmware
d-----	1/20/2021 10:45 PM		Windows

```
PS C:\windows> (get-item c:\).fullname
```

C:\

```
PS C:\windows> (get-item c:\).fullname
```

C:\

```
PS C:\windows> (get-item \).fullname
```

C:\

```
PS C:\windows> (get-item \).parent
```

```
PS C:\windows> (get-item \).root
```

Mode	LastWriteTime	Length	Name
d--hs-	2/8/2021 7:03 PM		C:\

```
PS C:\windows> (get-item \).basename
```

C:\

```
PS C:\windows> (get-item).basename
```

cmdlet Get-Item at command pipeline position 1

Supply values for the following parameters:

Path[0]: PS C:\windows> (get-item). basename

cmdlet Get-Item at command pipeline position 1

Supply values for the following parameters:

Path[0]: PS C:\windows>



Search the web and Windows



```
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Windows PowerShell
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PS C:\Windows\system32> get-location

Path
-----
C:\Windows\system32
```

Administrator: Windows PowerShell

```
PS C:\Windows> get-childitem
```

Directory: C:\Windows

Node	LastWriteTime	Length	Name
d----	7/10/2015	4:04 AM	addins
d----	1/9/2021	5:18 AM	appcompat
d----	1/9/2021	5:12 AM	AppPatch
d----	1/9/2021	5:16 AM	AppReadiness
d-r--	1/9/2021	4:57 AM	assembly
d----	1/10/2021	12:07 PM	AVHealthMonitor
d----	7/10/2015	4:04 AM	Boot
d----	7/10/2015	4:04 AM	Branding
d----	1/17/2021	12:33 PM	CbsTemp
d----	1/9/2021	4:26 AM	Cnxt
d----	1/9/2021	5:22 PM	CSC
d----	7/10/2015	4:04 AM	Cursors
d----	1/9/2021	4:37 AM	debug
d-r--	7/10/2015	4:04 AM	DesktopTileResources
d-r--	1/9/2021	5:12 AM	DevicesFlow
d----	7/10/2015	4:04 AM	diagnostics
d----	7/10/2015	6:19 AM	DigitalLocker
d-s-	7/10/2015	4:04 AM	Downloaded Program Files
d----	7/10/2015	6:11 AM	en-US
d-r-s-	1/10/2021	12:06 PM	Fonts
d----	7/10/2015	4:04 AM	Globalization
d----	1/10/2021	11:37 AM	Help
d----	7/10/2015	6:19 AM	IHE
d-r--	1/9/2021	5:12 AM	ImmersiveControlPanel
d----	2/8/2021	7:04 PM	INF
d----	7/10/2015	4:04 AM	InfusedApps
d----	7/10/2015	4:04 AM	InputMethod
d----	1/9/2021	5:12 AM	L2Schemas
d----	1/19/2021	6:13 PM	LastGood.Tmp
d----	1/10/2021	11:32 AM	LiveKernelReports
d----	1/21/2021	12:06 PM	Logs
d-r-s-	7/10/2015	4:04 AM	Media
d----	2/10/2021	7:22 AM	Microsoft.NET
d----	7/10/2015	4:04 AM	Migration
d-r--	1/9/2021	3:57 AM	MiracastView
d----	7/10/2015	4:04 AM	ModemLogs
d----	7/10/2015	6:12 AM	OCR
d-r--	7/10/2015	4:04 AM	Offline Web Pages
d----	1/9/2021	4:37 AM	Panther
d----	1/9/2021	4:56 AM	PCHEALTH
d----	7/10/2015	4:04 AM	Performance
d----	7/10/2015	4:04 AM	PLA
d----	1/9/2021	5:12 AM	PolicyDefinitions
d----	2/9/2021	10:04 PM	Prefetch
d-r--	1/9/2021	5:12 AM	PrintDialog
d----	1/9/2021	5:12 AM	Provisioning
d-r--	1/9/2021	5:12 AM	PurchaseDialog
d----	7/10/2015	4:04 AM	Registration
d----	1/21/2021	2:33 PM	Rescache
d----	7/10/2015	4:04 AM	SetupAssessment

```
PS C:\Windows> cd ..  
PS C:\> cd users  
PS C:\users> get-childitem
```

Directory: C:\users

Mode	LastWriteTime	Length	Name
----	-----	-----	-----
d----	2/9/2021 10:06 PM		coding-machine
d-r---	1/20/2021 4:57 PM		Public
d----	1/12/2021 6:19 PM		user

```
PS C:\users> cd coding-machine  
PS C:\users\coding-machine> get-location
```

Path  
----  
C:\users\coding-machine

```
PS C:\> get-childitem
```

Directory: C:\

Mode	LastWriteTime	Length	Name
d----	1/9/2021 4:24 AM		AMD
d----	1/9/2021 4:29 AM		Intel
d----	7/10/2015 4:04 AM		PerfLogs
d-r---	1/9/2021 5:12 AM		Program Files
d-r---	2/8/2021 7:04 PM		Program Files (x86)
d-r---	2/9/2021 10:04 PM		Users
d----	2/8/2021 7:03 PM		vmware
d----	1/20/2021 10:45 PM		Windows

```
PS C:\> get-location
```

Path

C:\

```
PS C:\> _
```

Administrator: Windows PowerShell  
C:\Users\coding-machine> net -Location

Administrator: Windows PowerShell ISE

File Edit View Tools Debug Add-ons Help

Untitled1.ps1\* X

```
1 Echo "file created successfully"
2 New-item powershell.txt
3
4 Echo "filename is : powershell1.txt"
5 New-Item powershell1.txt
6 Echo "file created successfully"
7 Echo "the demonstration of file creation"
8 Echo "using new-item powershell command"
9 Echo "successful"
```

PS C:\Windows\system32> Echo "file created successfully"
New-item powershell.txt

Echo "filename is : powershell1.txt"
New-Item powershell1.txt
Echo "file created successfully"
Echo "the demonstration of file creation"
Echo "using new-item powershell command"
Echo "successful"
file created successfully

Directory: C:\Windows\system32

Mode LastWriteTime Length Name
-- -a---- 2/10/2021 7:51 AM 0 powershell.txt

C:\> Completed

Search the web and Windows

```
PS C:\Windows\system32> new-item ms.txt -value "programming is fun"
```

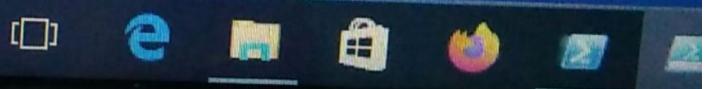
```
Directory: C:\Windows\system32
```

Mode	LastWriteTime	Length	Name
-a---	2/10/2021 7:53 AM	19	ms.txt

```
PS C:\Windows\system32>
```

Completed

Search the web and Windows



Administrator: Windows PowerShell

PS C:\> get-location

Path

----

C:\

PS C:\> new-item ms.txt -value "programming is fun"

Directory: C:\

Mode	LastWriteTime	Length	Name
----	-----	-----	-----
-a---	2/10/2021 7:55 AM	18	ms.txt

PS C:\> new-item -path "E:\\" -name "new folder3\sample.txt"

Directory: E:\new folder3

Mode	LastWriteTime	Length	Name
----	-----	-----	-----
-a---	2/10/2021 7:58 AM	0	sample.txt

PS C:\> new-item sample.txt -value "we are good"

Directory: C:\

Mode	LastWriteTime	Length	Name
----	-----	-----	-----
-a---	2/10/2021 7:59 AM	11	sample.txt

PS C:\> add-content sample.txt -value "hello world"

PS C:\> get-content sample.txt

we are goodhello world

PS C:\>

```
PS C:\> set-location "e:\"
PS E:\> add-content sample.txt -value "this is D drives sample file"
PS E:\> add-content sample.txt -value "this is also an example of adding the contents into the file"
PS E:\> copy-item powershell.txt -destination "E:\new folder3"
copy-item : Cannot find path 'E:\powershell.txt' because it does not exist.
At line:1 char:1
+ copy-item "powershell.txt" -destination "E:\new folder3"
+
+ CategoryInfo          : ObjectNotFound: (E:\powershell.txt:String) [Copy-Item], ItemNotFoundException
+ FullyQualifiedErrorId : PathNotFound,Microsoft.PowerShell.Commands.CopyItemCommand
PS E:\> set-location cd\
set-location : Cannot find path 'E:\cd\' because it does not exist.
At line:1 char:1
+ set-location cd\
+
+ CategoryInfo          : ObjectNotFound: (E:\cd\String) [Set-Location], ItemNotFoundException
+ FullyQualifiedErrorId : PathNotFound,Microsoft.PowerShell.Commands.SetLocationCommand
PS E:\> cd ..
PS E:\> cd c:\
PS C:\> cd users
PS C:\users> cd ..
PS C:\> cd windows
PS C:\windows> cd system32
PS C:\windows\system32> copy-item "powershell.txt" -destination "E:\new Folder3"
PS C:\windows\system32> copy-item -path "E:\new folder3\sample.txt" -destination "C:\windows\system32\powershell"
PS C:\windows\system32> >>>
PS C:\windows\system32> >>>
```

Search the web and Windows



lenovo