

Secure Coding

Code-CSE2010

Lab-6

Name- Jayadeep Vinod

Registration number-18BCN7019

Date-06/03/2021

Slot- L23-L24

1-

```
PS C:\Users\jayad> ps | sort -p ws | select -last 5
```

Handles	NPM(K)	PM(K)	WS(K)	CPU(s)	Id	SI	ProcessName
868	80	206832	180220		16520	0	MsMpEng
421	99	194984	248996	92.88	15300	5	Teams
1714	1534	270256	257920	198.05	3460	5	Teams
1754	153	217116	281040	20.13	4428	5	SearchApp
477	177	416636	429780	67.63	10984	5	Teams

```
PS C:\Users\jayad>
```

```
Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\jayad> Get-Alias
```

CommandType	Name	Version	Source
Alias	% -> ForEach-Object		
Alias	? -> Where-Object		
Alias	ac -> Add-Content		
Alias	asnp -> Add-PSSnapin		
Alias	cat -> Get-Content		
Alias	cd -> Set-Location		
Alias	CFS -> ConvertFrom-String	3.1.0.0	Microsoft.PowerShell.Utility
Alias	chdir -> Set-Location		
Alias	clc -> Clear-Content		
Alias	clear -> Clear-Host		
Alias	clhy -> Clear-History		
Alias	cli -> Clear-Item		
Alias	clp -> Clear-ItemProperty		
Alias	cls -> Clear-Host		
Alias	clv -> Clear-Variable		
Alias	cnsn -> Connect-PSSession		
Alias	compare -> Compare-Object		
Alias	copy -> Copy-Item		
Alias	cp -> Copy-Item		
Alias	cp1 -> Copy-Item		
Alias	cpp -> Copy-ItemProperty		
Alias	curl -> Invoke-WebRequest		
Alias	cvpa -> Convert-Path		
Alias	dbp -> Disable-PSBreakpoint		
Alias	del -> Remove-Item		
Alias	diff -> Compare-Object		
Alias	dir -> Get-ChildItem		
Alias	dnsn -> Disconnect-PSSession		
Alias	ebp -> Enable-PSBreakpoint		

```
PS C:\Users\jayad> Get-Location
```

Path

C:\Users\jayad

```
PS C:\Users\jayad> Get-ChildItem
```

Directory: C:\Users\jayad

Mode		LastWriteTime	Length	Name
----		-----	-----	----
d-----		24-02-2021 23:52		.android
d-----		29-07-2020 19:30		.eclipse
d-----		27-01-2021 16:44		.gradle
d-----		07-12-2020 11:30		.p2
d-----		29-07-2020 19:30		.tooling
d-----		02-03-2021 15:03		.VirtualBox
d-----		07-12-2020 11:44		.zenmap
d-r---		12-10-2020 14:58		3D Objects
d-----		03-03-2021 10:08		AndroidStudioProjects
d-----		19-10-2020 09:49		ansel
d-----		29-07-2020 19:21		Cisco Packet Tracer 7.3.0
d-r---		12-10-2020 14:58		Contacts
d-r---		05-03-2021 09:33		Desktop
d-r---		05-03-2021 17:11		Documents
d-r---		05-03-2021 17:15		Downloads
d-----		29-07-2020 19:25		eclipse
d-----		07-12-2020 11:26		eclipse-workspace
d-r---		12-10-2020 14:58		Favorites
d-r---		12-10-2020 14:58		Links

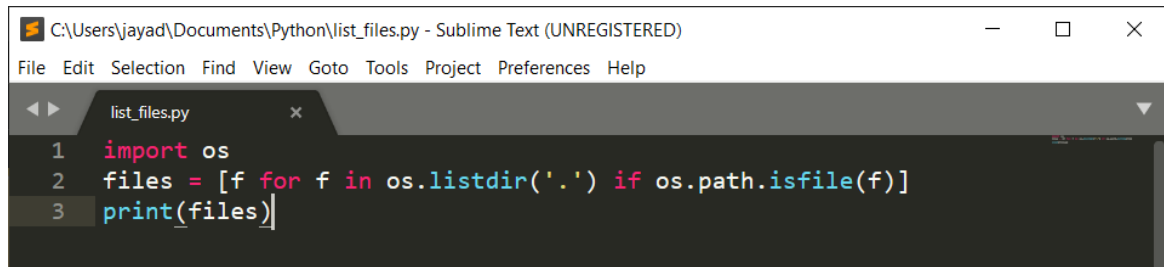
Windows PowerShell

+ FullyQualifiedErrorId : CommandNotFoundException

```
PS C:\Users\jayad> Get-Process
```

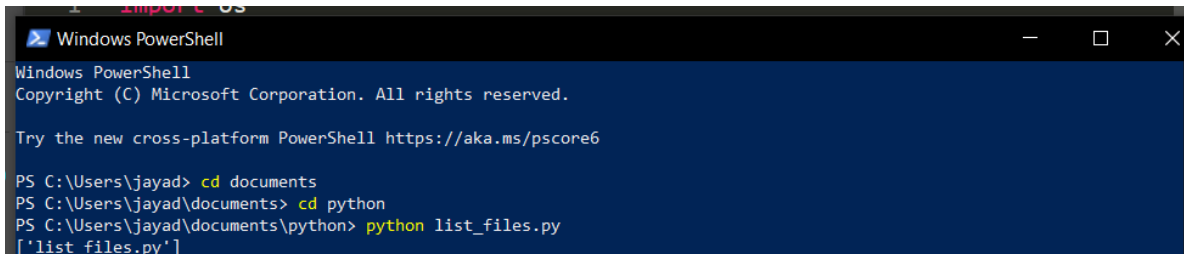
Handles	NPM(K)	PM(K)	WS(K)	CPU(s)	Id	SI	ProcessName
-----	-----	-----	-----	-----	---	---	-----
456	25	29464	36560	0.36	15936	5	ApplicationFrameHost
123	8	1624	5460		4900	0	armsvc
440	29	109676	117244	334.27	9652	0	audiodg
270	13	5280	16892	1.17	12128	5	conhost
97	7	6208	5796		13416	0	conhost
100	7	6304	1128	0.06	17084	5	conhost
769	54	48620	77064	0.97	1616	5	Cortana
813	26	2128	5944		868	0	csrss
628	27	2500	6028		12244	5	csrss
499	18	5396	23264	1.34	11736	5	ctfmon
355	18	5428	13468		11844	0	dasHost
217	11	2556	11600		4880	5	DAX3API
637	20	8904	20260		4976	0	DAX3API
257	38	10000	18288	0.28	9540	5	dllhost
207	17	3984	10884		10064	0	dllhost
102	7	1440	6036		16552	5	DSRHost
1240	54	70124	65392		9356	5	dwm
115	7	1808	5408		5332	0	esif_uf
2604	104	89412	145852	12.38	16492	5	explorer
236	9	1892	6956		5152	0	FMServic64
120	7	1384	7068		14808	0	fodhelper
32	6	1552	2840		1180	0	fontdrvhost
39	6	1832	5504		3532	5	fontdrvhost
845	35	37488	75312	4.95	18224	5	GameBar
445	18	8456	25592	1.31	18316	5	GameBarFTServer
181	10	1624	1560		11252	0	GoogleCrashHandler
154	9	1664	1060		11260	0	GoogleCrashHandler64
219	14	2116	3756		11192	0	GoogleUpdate

2-



```
C:\Users\jayad\Documents\Python\list_files.py - Sublime Text (UNREGISTERED)
File Edit Selection Find View Goto Tools Project Preferences Help

list_files.py
1 import os
2 files = [f for f in os.listdir('.') if os.path.isfile(f)]
3 print(files)]
```

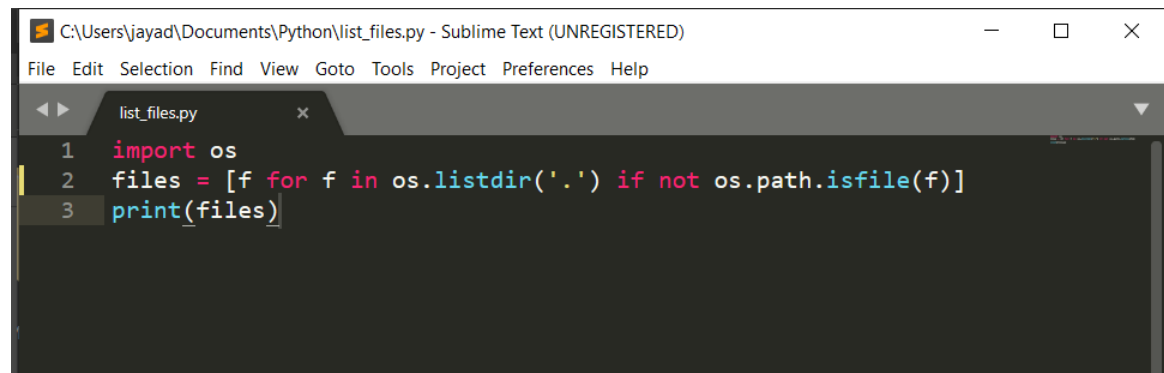


```
Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

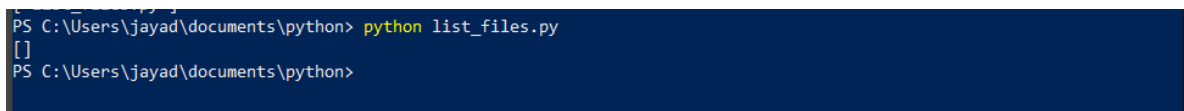
PS C:\Users\jayad> cd documents
PS C:\Users\jayad\documents> cd python
PS C:\Users\jayad\documents\python> python list_files.py
['list_files.py']
```

3-



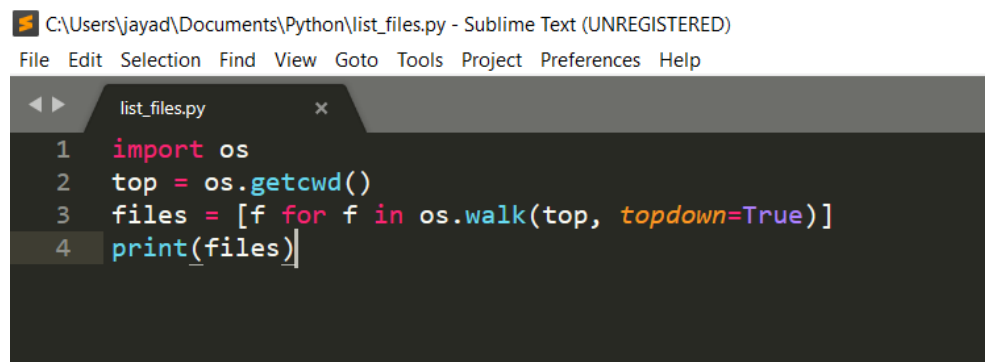
```
C:\Users\jayad\Documents\Python\list_files.py - Sublime Text (UNREGISTERED)
File Edit Selection Find View Goto Tools Project Preferences Help

list_files.py
1 import os
2 files = [f for f in os.listdir('.') if not os.path.isfile(f)]
3 print(files)]
```



```
PS C:\Users\jayad\documents\python> python list_files.py
[]
PS C:\Users\jayad\documents\python>
```

4-



```
C:\Users\jayad\Documents\Python\list_files.py - Sublime Text (UNREGISTERED)
File Edit Selection Find View Goto Tools Project Preferences Help

list_files.py
1 import os
2 top = os.getcwd()
3 files = [f for f in os.walk(top, topdown=True)]
4 print(files)]
```

```
Windows PowerShell
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

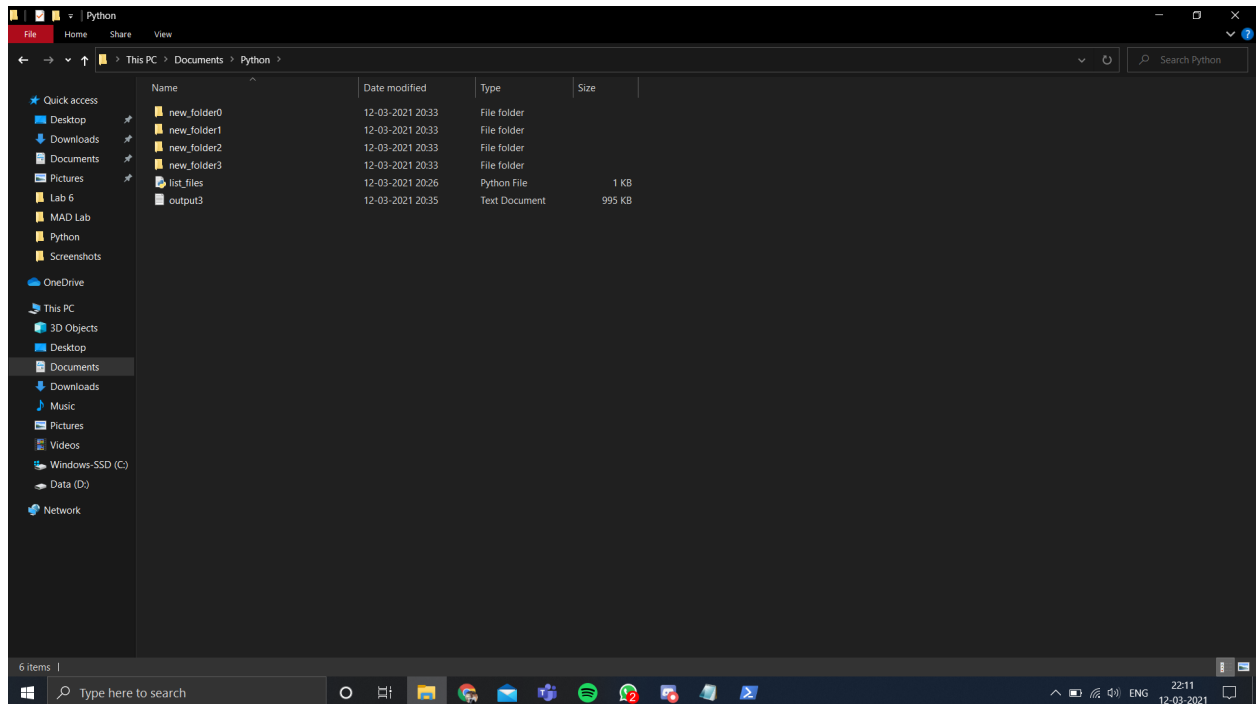
Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\jayad> python list_files.py
C:\Users\jayad\AppData\Local\Microsoft\WindowsApps\python.exe: can't open file 'C:\Users\jayad\list_files.py': [Errno 2] No such file or directory
PS C:\Users\jayad>
```

5-

```
>>> import os
>>> current_directory = os.getcwd()
>>> for i in range(4):
...     final_directory = os.path.join(current_directory, f'new_folder{i}')
...     if not os.path.exists(final_directory):
...         os.makedirs(final_directory)
... 
```

Output-
4 folders created

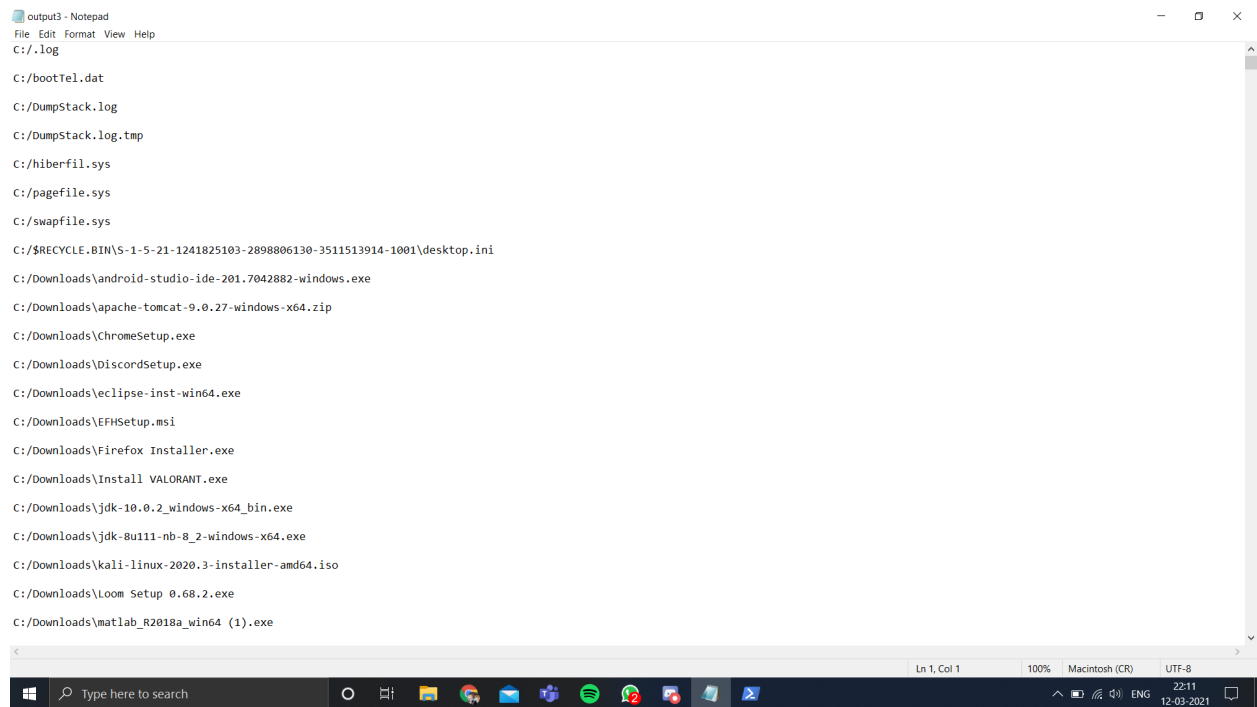


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CODE-

```
>>> import os
>>> import sys
>>> a = open("output3.txt", "w")
>>> top="C:/"
>>> for path, subdirs, files in os.walk(top):
...     for filename in files:
...         f = os.path.join(path, filename)
...         a.write(str(f) + os.linesep)
... 
```

Output-



```
output3 - Notepad
File Edit Format View Help
C:/./log

C:/bootTel.dat
C:/DumpStack.log
C:/DumpStack.log.tmp
C:/hiberfil.sys
C:/pagefile.sys
C:/swapfile.sys
C:/$RECYCLE.BIN/S-1-5-21-1241825103-2898806130-3511513914-1001/desktop.ini
C:/Downloads/android-studio-ide-201.7042882-windows.exe
C:/Downloads/apache-tomcat-9.0.27-windows-x64.zip
C:/Downloads/ChromeSetup.exe
C:/Downloads/DiscordSetup.exe
C:/Downloads/eclipse-inst-win64.exe
C:/Downloads/EFHSetup.msi
C:/Downloads/Firefox Installer.exe
C:/Downloads/Install VALORANT.exe
C:/Downloads/jdk-10.0.2-windows-x64_bin.exe
C:/Downloads/jdk-8u111-nb-8_2-windows-x64.exe
C:/Downloads/kali-linux-2020.3-installer-amd64.iso
C:/Downloads/Loom Setup 0.68.2.exe
C:/Downloads/matlab_R2018a_win64 (1).exe

Ln 1, Col 1    100%    Macintosh (CR)    UTF-8
22:11 12-03-2021
```