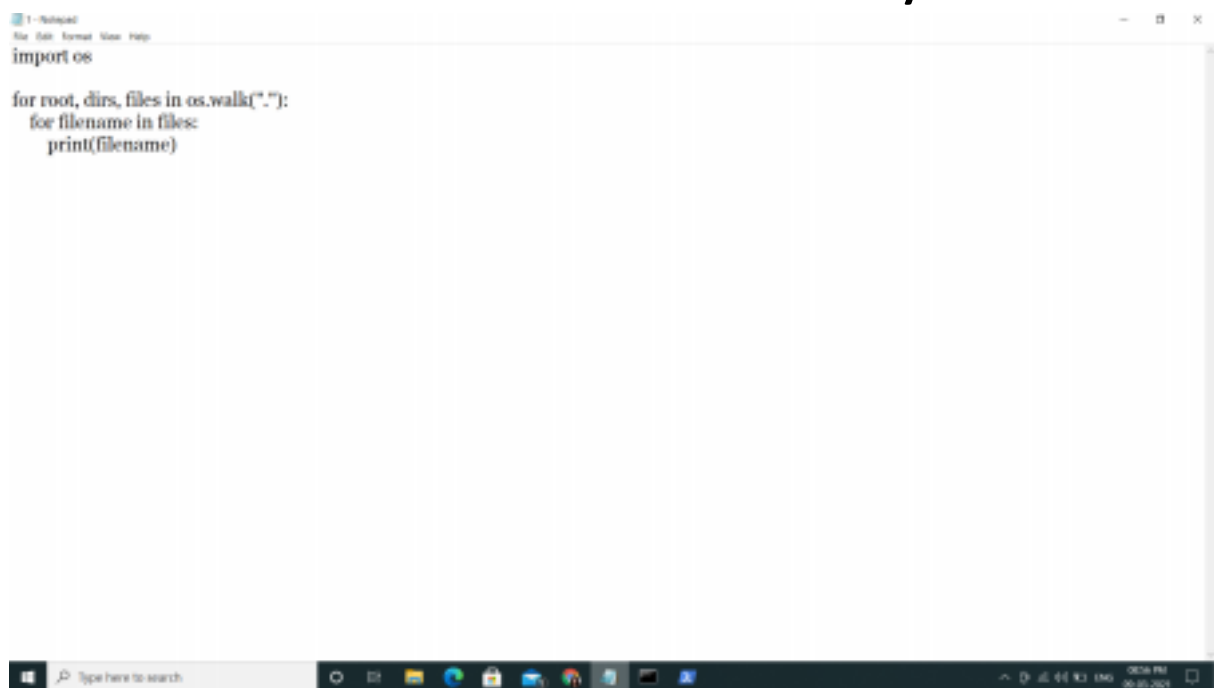


Pvschaithanya  
18bce7289

- Write a python script to get all the file names in the current directory



The screenshot shows a Windows 10 desktop environment. A Notepad++ window is open, displaying a Python script. The script uses the `os` module's `walk` function to traverse the current directory and print the names of all files and subdirectories. The Windows taskbar is visible at the bottom, showing the Start button, a search bar, and several pinned application icons. The system tray on the right indicates the date and time as October 10, 2024, at 10:45 PM.

```
1-Notepad++
File Edit Format View Help
import os

for root, dirs, files in os.walk("."):
    for filename in files:
        print(filename)
```



- Write a python script to get all the directory names in the current directory

```

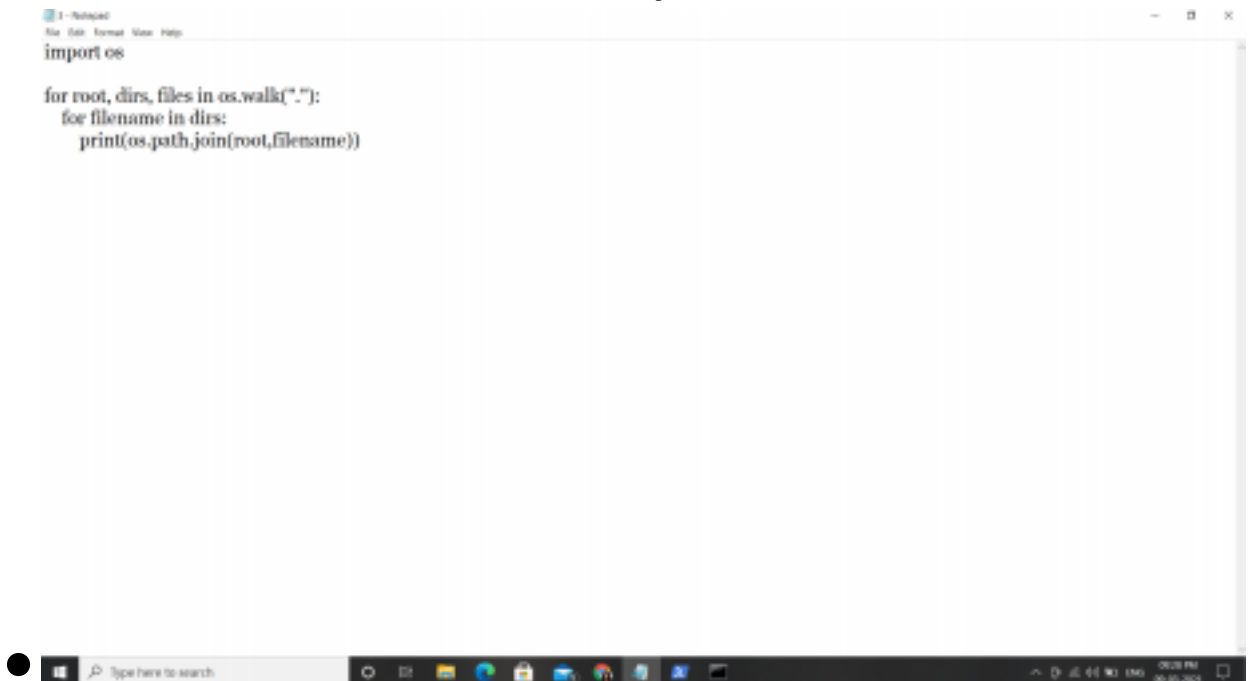
Windows PowerShell
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Try the new cross platform PowerShell: https://aka.ms/powershell

PS C:\Users\Kareem> python 02-06-2020
PS C:\Users\Kareem> python desktop\01-06-2020 python 2.py
New folder [1]
New folder [1]
New folder [1]
New folder [4]
New folder [4]
New folder [4]
New folder [7]
PS C:\Users\Kareem> python desktop\01-06-2020

```

- Write a python script to get all the directory and subdirectory names in the current directory



The image shows a Windows 10 desktop environment. A Notepad++ window is open, displaying a Python script designed to list all directories and subdirectories in the current directory. The script uses the `os.walk()` function to traverse the directory tree. The Windows taskbar is visible at the bottom, showing the Start button, a search bar, and several pinned application icons. The system tray on the right indicates the time as 06:08 PM on 06-05-2024.

```
1 - Notepad++
File Edit Format View Help
import os

for root, dirs, files in os.walk("."):
    for filename in dirs:
        print(os.path.join(root,filename))
```

```
Microsoft Windows [Version 10.0.17134.1]
(c) 2018 Microsoft Corporation. All rights reserved.

C:\Users\Ameer> cd Desktop

C:\Users\Ameer> cd Desktop\11BocT100

C:\Users\Ameer> cd Desktop\11BocT100\py\Chon_3.py
.\New Folder
.\New Folder 120
.\New Folder 121
.\New Folder 140
.\New Folder 150
.\New Folder 160
.\New Folder 170
.\New Folder\New Folder
.\New Folder 122\New Folder
.\New Folder 130\New Folder

C:\Users\Ameer> cd Desktop\11BocT100
```

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

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

PS C:\Users\Ameer> cd Desktop
PS C:\Users\Ameer> cd Desktop\11BocT100
PS C:\Users\Ameer> cd Desktop\11BocT100\py\Chon_3.py
.\New Folder
.\New Folder 121
.\New Folder 121
.\New Folder 141
.\New Folder 151
.\New Folder 161
.\New Folder 171
.\New Folder\New Folder
.\New Folder 122\New Folder
.\New Folder 132\New Folder

PS C:\Users\Ameer> cd Desktop\11BocT100
```

- Write a python script to get all the file name, directory and all the subdirectory names (recursively) in the current directory



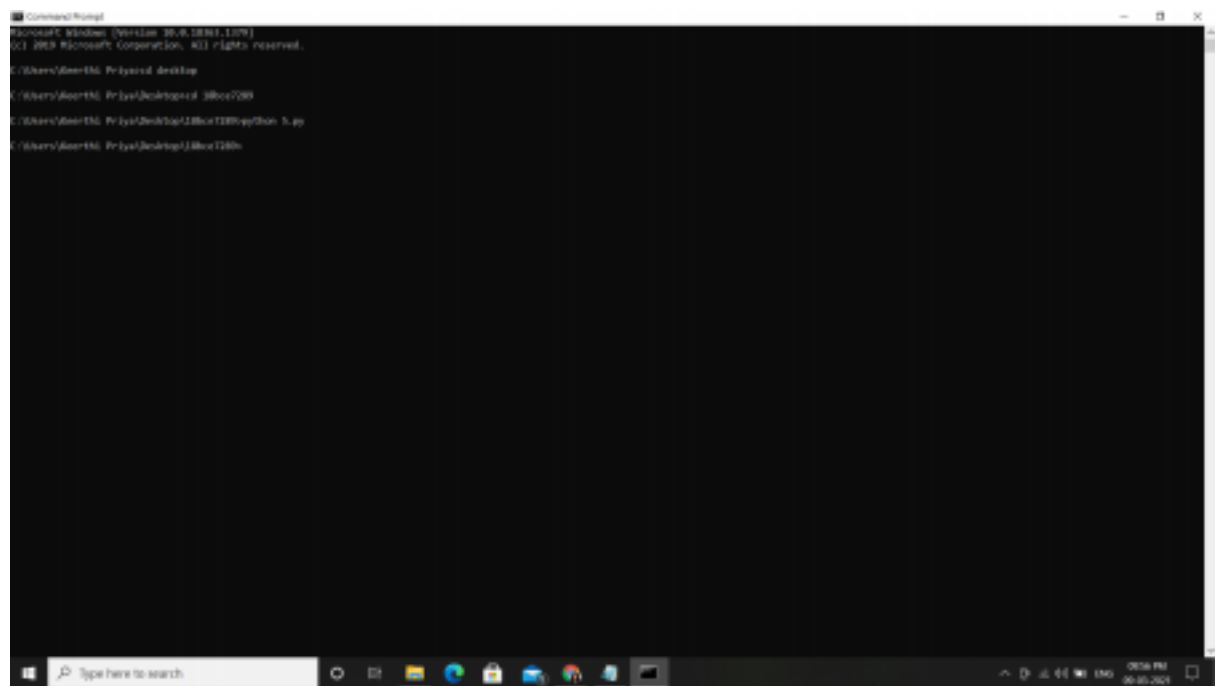


```
Windows PowerShell
PS C:\Users\kareem>
Copyright (c) Microsoft Corporation. All rights reserved.
Try the new cross-platform PowerShell: https://aka.ms/powershell

PS C:\Users\kareem> cd Desktop
PS C:\Users\kareem\Desktop> cd SecureLab6
PS C:\Users\kareem\Desktop\SecureLab6> python 5.py
PS C:\Users\kareem\Desktop\SecureLab6>
```

```
Notepad
File Edit Format View Help
import os
file=open("securelab6.txt","a")
for root,dirs,files in os.walk("."):
    for dirs in dirs:
        file.write("\n"+dirs)
    file.write("\n")
    for files in files:
        file.write("\n"+files)
```

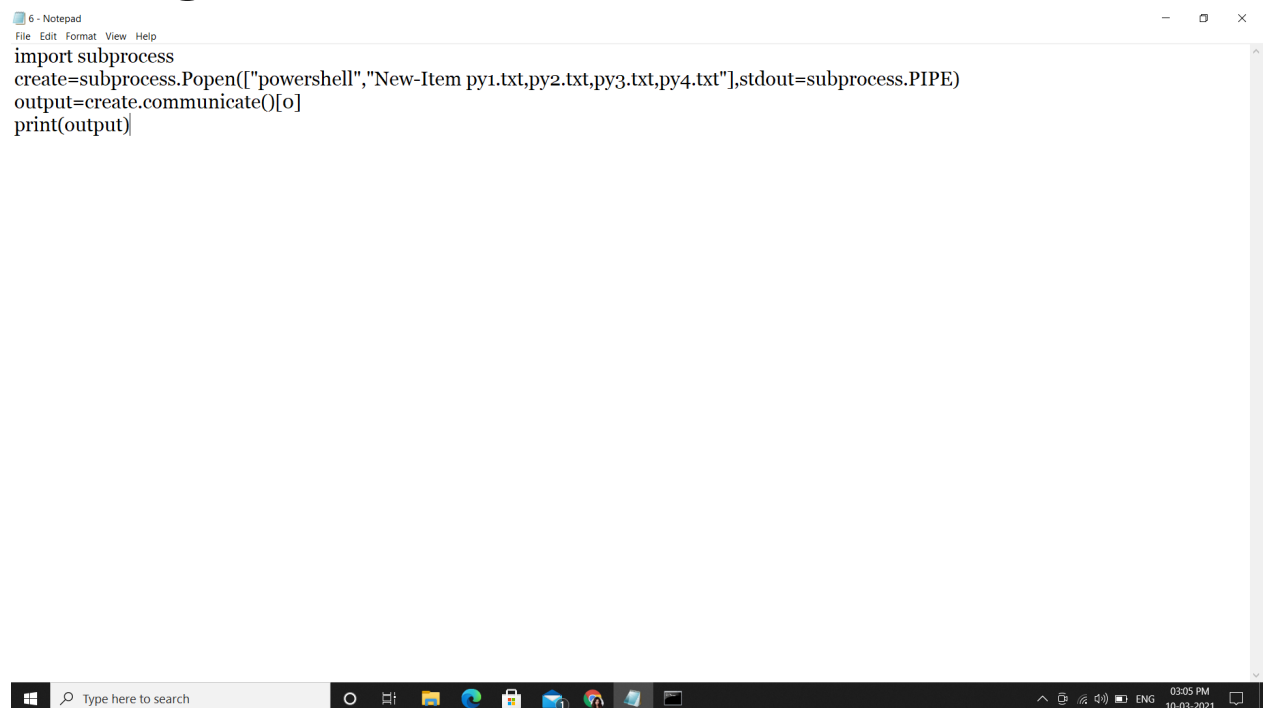




```
Microsoft Windows [Version 10.0.18362.1079]
(c) 2019 Microsoft Corporation. All rights reserved.

C:\Users\Aseem\Pycharm\desktop
C:\Users\Aseem\Pycharm\desktop\380c709
C:\Users\Aseem\Pycharm\desktop\380c709\Python 3.py
C:\Users\Aseem\Pycharm\desktop\380c709\
```

- Write a python script which creates four new files in the current directory using Powershell.



```
6 - Notepad
File Edit Format View Help
import subprocess
create=subprocess.Popen(["powershell","New-Item py1.txt,py2.txt,py3.txt,py4.txt"],stdout=subprocess.PIPE)
output=create.communicate()[0]
print(output)
```

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

PS C:\Users\Keerthi Priya> cd desktop
PS C:\Users\Keerthi Priya\desktop> cd 18bce7289
PS C:\Users\Keerthi Priya\desktop\18bce7289> python 6.py
b New-Item : The file 'C:\Users\Keerthi Priya\desktop\18bce7289\py1.txt' already exists.\nAt line:1 char:1\n New-Item py1.txt,py2.txt,py3.txt,py4.txt\n ~~~~~\n + CategoryInfo          : WriteError\n (C:\Users\Keerth...bce7289\py1.txt:String) [New-Item], IOException\n + FullyQualifiedErrorId : NewItemIOError,Microsoft.PowerShell.Commands.NewItemCommand\n\nNew-Item : The file 'C:\Users\Keerth...bce7289\py2.txt' already exists.\nAt line:1 char:1\n New-Item py1.txt,py2.txt,py3.txt,py4.txt\n ~~~~~\n + CategoryInfo          : WriteError\n (C:\Users\Keerth...bce7289\py2.txt:String) [New-Item], IOException\n + FullyQualifiedErrorId : NewItemIOError,Microsoft.PowerShell.Commands.NewItemCommand\n\nNew-Item : The file 'C:\Users\Keerth...bce7289\py3.txt' already exists.\nAt line:1 char:1\n New-Item py1.txt,py2.txt,py3.txt,py4.txt\n ~~~~~\n + CategoryInfo          : WriteError\n (C:\Users\Keerth...bce7289\py3.txt:String) [New-Item], IOException\n + FullyQualifiedErrorId : NewItemIOError,Microsoft.PowerShell.Commands.NewItemCommand\n\nNew-Item : The file 'C:\Users\Keerth...bce7289\py4.txt' already exists.\nAt line:1 char:1\n New-Item py1.txt,py2.txt,py3.txt,py4.txt\n ~~~~~\n + CategoryInfo          : WriteError\n (C:\Users\Keerth...bce7289\py4.txt:String) [New-Item], IOException\n + FullyQualifiedErrorId : NewItemIOError,Microsoft.PowerShell.Commands.NewItemCommand\n\nPS C:\Users\Keerthi Priya\desktop\18bce7289>
```

```
Command Prompt
Microsoft Windows [Version 10.0.18363.1379]
(c) 2019 Microsoft Corporation. All rights reserved.

C:\Users\Keerthi Priya>cd desktop
C:\Users\Keerthi Priya\Desktop>cd 18bce7289
C:\Users\Keerthi Priya\Desktop\18bce7289>python 6.py
b \r\n\r\n      Directory: C:\Users\Keerthi Priya\Desktop\18bce7289\r\n\r\n\r\nMode                LastWriteTime         Length Name                                           \r\n----
                \r\n-a----          10-03-2021   03:04 PM              0 py1.txt
                \r\n-a----          10-03-2021   03:05 PM              0 py2.txt
                \r\n-a----          10-03-2021   03:05 PM              0 py4.txt
C:\Users\Keerthi Priya\Desktop\18bce7289>
```