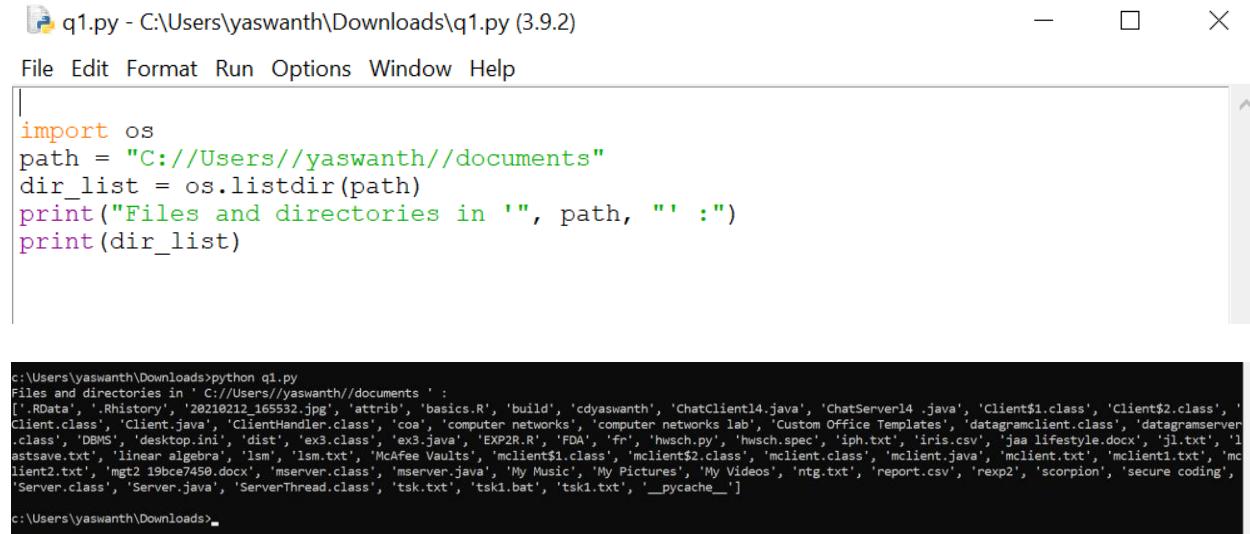


Slvn yaswanth 19bce7450

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

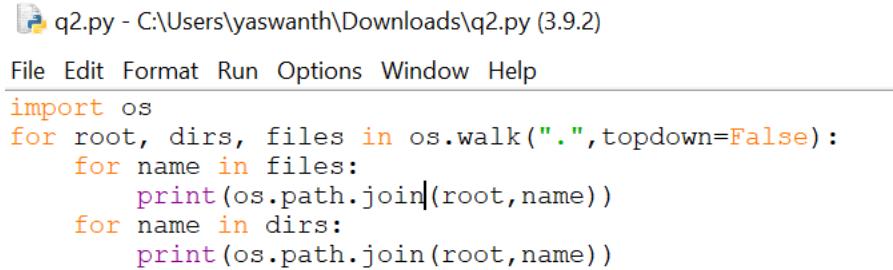


```
q1.py - C:\Users\yaswanth\Downloads\q1.py (3.9.2)
File Edit Format Run Options Window Help

import os
path = "C://Users//yaswanth//documents"
dir_list = os.listdir(path)
print("Files and directories in '", path, "' :")
print(dir_list)

c:\Users\yaswanth\Downloads>python q1.py
Files and directories in ' C://Users//yaswanth//documents ' :
['RData', '.Rhistory', '20210212_165532.jpg', 'attrib', 'basics.R', 'build', 'cdyaswanth', 'ChatClient14.java', 'ChatServer14.java', 'Client$1.class', 'Client$2.class', 'Client.class', 'Client.java', 'ClientHandler.class', 'coa', 'computer networks', 'computer networks lab', 'Custom Office Templates', 'datagramclient.class', 'datagramserver.class', 'DBMS', 'desktop.ini', 'dist', 'ex3.class', 'ex3.java', 'EXP2R.R', 'FDA', 'fr', 'hwsch.py', 'hwsch.spec', 'iph.txt', 'iris.csv', 'jaa lifestyle.docx', 'jl.txt', 'l astsave.txt', 'linear algebra', 'lsm', 'lsm.txt', 'McAfee Vaults', 'mclient$1.class', 'mclient$2.class', 'mclient.class', 'mclient.java', 'mclient.txt', 'mc lient2.txt', 'mgt2 19bce7450.docx', 'mserver.class', 'mserver.java', 'My Music', 'My Pictures', 'My Videos', 'ntg.txt', 'report.csv', 'rexp2', 'scorpion', 'secure coding', 'Server.class', 'Server.java', 'ServerThread.class', 'tsk.txt', 'tski.bat', 'tski.txt', '__pycache__']
```

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



```
q2.py - C:\Users\yaswanth\Downloads\q2.py (3.9.2)
File Edit Format Run Options Window Help

import os
for root, dirs, files in os.walk(".", topdown=False):
    for name in files:
        print(os.path.join(root, name))
    for name in dirs:
        print(os.path.join(root, name))
```

```
c:\Users\yaswanth\Downloads>q2.py
Traceback (most recent call last):
  File "C:\Users\yaswanth\Downloads\q2.py", line 4, in <module>
    print(os.path.join(root,name))
AttributeError: module 'ntpath' has no attribute 'join'

c:\Users\yaswanth\Downloads>q2.py
.\Java_Socket_Programming_chat\SocketClientDemo\settings\org.eclipse.jdt.core.prefs
.\Java_Socket_Programming_chat\SocketClientDemo\bin\Client.class
.\Java_Socket_Programming_chat\SocketClientDemo\src\Client.java
.\Java_Socket_Programming_chat\SocketClientDemo\.classpath
.\Java_Socket_Programming_chat\SocketClientDemo\.project
.\Java_Socket_Programming_chat\SocketClientDemo\settings
.\Java_Socket_Programming_chat\SocketClientDemo\bin
.\Java_Socket_Programming_chat\SocketClientDemo\src
.\Java_Socket_Programming_chat\SocketServerDemo\settings\org.eclipse.jdt.core.prefs
.\Java_Socket_Programming_chat\SocketServerDemo\bin\Server.class
.\Java_Socket_Programming_chat\SocketServerDemo\src\Server.java
.\Java_Socket_Programming_chat\SocketServerDemo\.classpath
.\Java_Socket_Programming_chat\SocketServerDemo\.project
.\Java_Socket_Programming_chat\SocketServerDemo\settings
.\Java_Socket_Programming_chat\SocketServerDemo\bin
.\Java_Socket_Programming_chat\SocketServerDemo\src
.\Java_Socket_Programming_chat\Java Socket Programming_chat.pptx
.\Java_Socket_Programming_chat\SocketClientDemo
.\Java_Socket_Programming_chat\SocketServerDemo
.\VIT - VTOP_files\AdminLTE.css
.\VIT - VTOP_files\bootstrap-datepicker.js.download
.\VIT - VTOP_files\bootstrap-timepicker.min.css
.\VIT - VTOP_files\bootstrap-timepicker.min.js.download
.\VIT - VTOP_files\bootstrap.min.css
.\VIT - VTOP_files\bootstrap.min.js.download
.\VIT - VTOP_files\bootstrapValidator.css
.\VIT - VTOP_files\bootstrapValidator.js.download
.\VIT - VTOP_files\daterangepicker.css
.\VIT - VTOP_files\daterangepicker.js.download
.\VIT - VTOP_files\fastclick.js.download
.\VIT - VTOP_files\font-awesome.min.css
.\VIT - VTOP_files\jquery-2.2.3.min.js.download
.\VIT - VTOP_files\jquery-ui.min.js.download
```

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

 q2.py - C:\Users\yaswanth\Downloads\q2.py (3.9.2)  

---

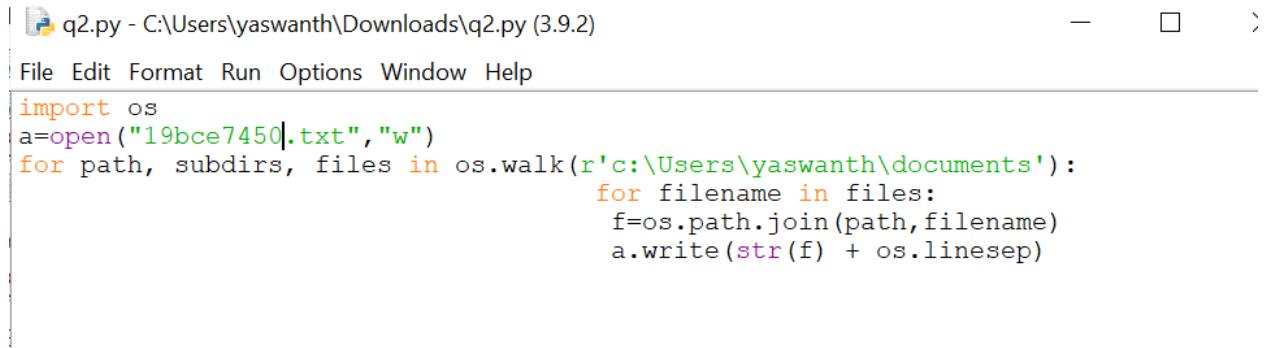
File Edit Format Run Options Window Help

```
import pathlib
currentDirectory=pathlib.Path('.')
for currentFile in currentDirectory.iterdir():
    print(currentFile)
```

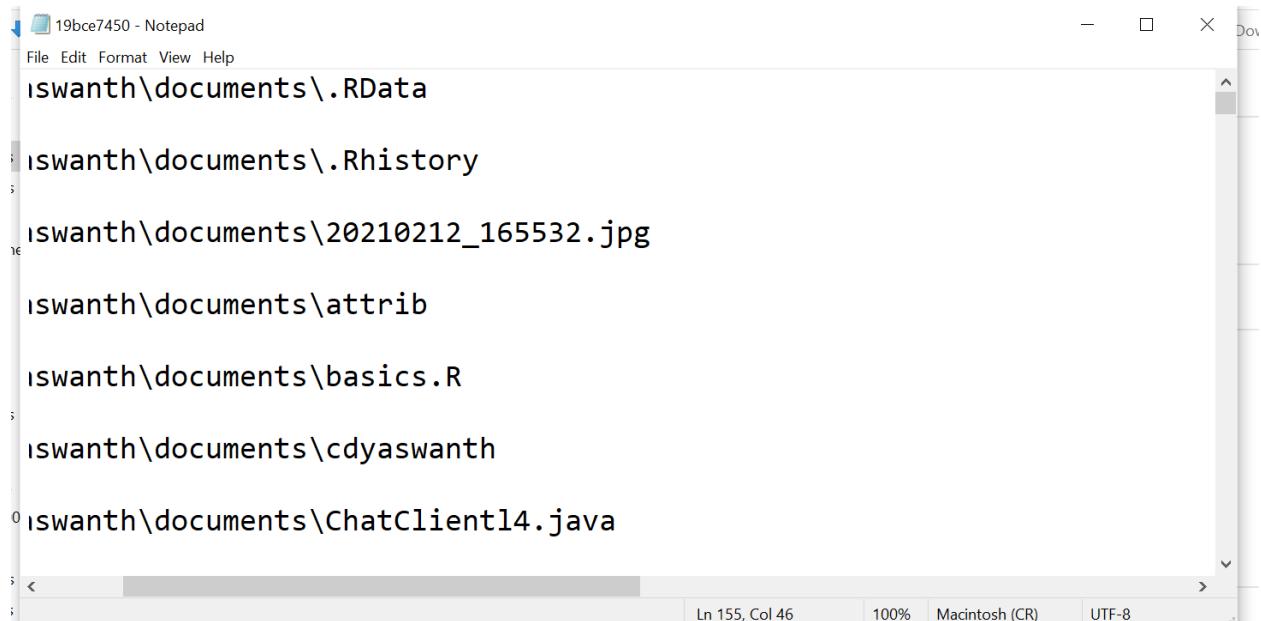
```
C:\Windows\system32\cmd.exe - cmd documents - cmd documents
android vulnerabilities.pdf
Assignment-1.doc
Assignment-2(SQL Queries from 47-86)-19BCI7101.pdf
Assignment-4.docx
Assignments-4.doc
BraveBrowserSetup-FAZ287.exe
CHY1001_Fall 19-20_CAT-1 (2).pdf
CN LAB Experiment 1 - 19bce7450.docx
CN LAB Experiment 1 - Template.docx
CN LAB Experiment 2 - 19bce7450.docx
CN LAB Experiment 2 - Template.docx
CN LAB Experiment 3 - 19bce7450.docx
CN LAB Experiment 3 - Template.docx
CN LAB Experiment 4-19bce7450.docx
CN LAB Experiment 4-19bce7450.pdf
CN LAB Experiment 4.docx
cnvi.pdf
coquiz1.pdf
Configuration of secure password using SSH in Router & Switch.pdf
CSE-2010_19BCN7050_Lab Assignment-3 (1).pdf
CSE-2010_19BCN7050_Lab Assignment-4.pdf
CSE1006_Fall 19-20_CAT-1 (6).pdf
CSE2009_Winter 2018-19_CAT-2.pdf
CSE2009_Winter 2018-19_CAT-3.pdf
CSE2009_Winter18-19_CAT-1.pdf
CSE3003_Fall 19-20_CAT-1 (2).pdf
desktop.ini
E library App - Journey.mp4
ECE2002_Fall 19-20_CAT-1 (2).pdf
ECE2002_Fall 19-20_CAT-1 (3).pdf
ECE2002_Fall 19-20_CAT-1 (4).pdf
ECE2002_Fall 19-20_CAT-1 (5).pdf
ECE2002_Fall 19-20_CAT-1 (7).pdf
ECE2002_Fall18-19_CAT-1.pdf
EFHSetup.msi
empolyee ,department tables.txt
ex1.java
Exam_from_Home_Windows_Training_07012021.ppsx
Exploratory Data Analysis in R.pdf
FDA Excercise 3.docx
FDA Excercise 3.pdf
```

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



```
q2.py - C:\Users\yaswanth\Downloads\q2.py (3.9.2)
File Edit Format Run Options Window Help
import os
a=open("19bce7450.txt","w")
for path, subdirs, files in os.walk(r'c:\Users\yaswanth\documents'):
    for filename in files:
        f=os.path.join(path,filename)
        a.write(str(f) + os.linesep)
```



```
19bce7450 - Notepad
File Edit Format View Help
c:\Users\yaswanth\documents\.RData
c:\Users\yaswanth\documents\.Rhistory
c:\Users\yaswanth\documents\20210212_165532.jpg
c:\Users\yaswanth\documents\attrib
c:\Users\yaswanth\documents\basics.R
c:\Users\yaswanth\documents\cdyaswanth
c:\Users\yaswanth\documents\ChatClient14.java
```

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

```
list1 = ['a', 'b', 'c','d']
for i in range(len(list1)):
    open('file%s.txt' % i, 'w').write(list1[i])
```

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

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

PS C:\Windows\system32> cd 'C:\Python\Python392'
PS C:\Python\Python392> python CreateFiles.py
PS C:\Python\Python392>
```

