

SECURE CODING LAB-6

CSE 2010 L23,24

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

```
===== RESTART: Shell =====  
>>> import os  
>>> basepath="C:\\Users\\User\\OneDrive\\Desktop\\sclab6\\"  
>>> for entry in os.listdir(basepath):  
    if os.path.isfile(os.path.join(basepath,entry)):  
        print(entry)  
  
excel.xlsx  
msword.docx  
power.pptx  
text.txt  
>>> |
```

Actual directory of files

sclab6						
	Name	Status	Date modified	Type	Size	
	friend	🔄	14-03-2021 11:05	File folder		
	excel	🔄	14-03-2021 11:04	Microsoft Excel W...	6 KB	
	msword	🔄	14-03-2021 11:04	Microsoft Word D...	0 KB	
	power	🔄	14-03-2021 11:04	Microsoft PowerPo...	0 KB	
	text	🔄	14-03-2021 11:04	Text Document	0 KB	

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

```
>>> import os
>>> with os.scandir('C:\\Users\\User\\OneDrive\\Desktop\\sclab6\\') as entries:
    for entry in entries:
        print(entry.name)
```

```
excel.xlsx
friend
msword.docx
power.pptx
sclab
text.txt
winsem
>>> |
```

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

```
>>> import os
>>> directory="C:\\Users\\User\\OneDrive\\Desktop\\sclab6\\"
>>> os.walk(directory)
<generator object _walk at 0x000002756655D820>
>>> print([x[0] for x in os.walk(directory)])
['C:\\Users\\User\\OneDrive\\Desktop\\sclab6\\', 'C:\\Users\\User\\OneDrive\\Desktop\\sclab6\\friend',
 'C:\\Users\\User\\OneDrive\\Desktop\\sclab6\\sclab', 'C:\\Users\\User\\OneDrive\\Desktop\\sclab6\\winsem']
>>> |
```

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

```
>>> import glob
>>> import os
>>> rootdirectory="C:\\Users\\User\\OneDrive\\Desktop\\sclab6\\"
>>> for filename in glob.iglob(rootdirectory + '**/*', recursive=True):
        if os.path.isfile(filename):
            print(filename)
```

```
C:\Users\User\OneDrive\Desktop\sclab6\excel.xlsx
C:\Users\User\OneDrive\Desktop\sclab6\msword.docx
C:\Users\User\OneDrive\Desktop\sclab6\power.pptx
C:\Users\User\OneDrive\Desktop\sclab6\text.txt
>>> |
```

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

```
===== RESTART: Shell =====
>>> import glob
>>> import os
>>> root_dir="E:\\\"
>>> for filename in glob.iglob(root_dir + '**/*', recursive=True):
        if os.path.isfile(filename):
            print(filename)
```

```
E:\\!ghlogs.doc
```

```
E:\\!ghlogs.doc
E:\\$RECYCLE.BIN\\S-1-5-21-3836355373-2668036411-1634578609-1001\\desktop.ini
E:\\1611473694783.jpg
E:\\app-debug.apk
E:\\ChromeSetup.exe
E:\\cnoo039e.exe
E:\\DBMS\\applications.html
E:\\DBMS\\contact.html
E:\\DBMS\\css\\animate.css
E:\\DBMS\\css\\baguetteBox.min.css
E:\\DBMS\\css\\bootstrap.min.css
```

E:\DBMS\images\post-img-01.jpg
E:\DBMS\images\post-img-02.jpg
E:\DBMS\images\post-img-03.jpg
E:\DBMS\images\profile-3.jpg
E:\DBMS\images\qt-bg.jpg
E:\DBMS\images\services.jpg
E:\DBMS\images\sliced-meat-with-vegetables-and-potato-fries-1309595.jpg
E:\DBMS\images\slider-01.jpg
E:\DBMS\images\slider-02.jpg
E:\DBMS\images\slider-03.jpg
E:\DBMS\images\soup-served-on-bowl-1907227.jpg
E:\DBMS\images\stuff-img-01.jpg
E:\DBMS\images\stuff-img-02.jpg
E:\DBMS\images\stuff-img-03.jpg
E:\DBMS\images\three-scoops-of-ice-cream-3625371.jpg
E:\DBMS\img\module_table_bottom.png
E:\DBMS\img\module_table_top.png
E:\DBMS\index.html
E:\DBMS\js\baguetteBox.min.js
E:\DBMS\js\bootstrap.min.js
E:\DBMS\js\contact-form-script.js
E:\DBMS\js\custom.js
E:\DBMS\js\form-validator.min.js
E:\DBMS\js\images-loded.min.js
E:\DBMS\js\isotope.min.js
E:\DBMS\js\jquery-3.2.1.min.js
E:\DBMS\js\jquery.mapify.js
E:\DBMS\js\jquery.superslides.min.js
E:\DBMS\js\legacy.js
E:\DBMS\js\picker.date.js

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