

SECURE CODING (CSE 2010)

LAB REPORT-6

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Reg no : 18BCN7127

L39+L40 Slot

1. Write a python script to get all file name in a current directory

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

```
C:\Users\Veneela\Desktop\My_Stuff\Courses_Win_2021\Secure_Coding\Lab>python test.py
Capture.PNG
Lab report 7.pdf
Lab_1_1.PNG
Lab_1_18BCN7127.docx
Lab_1_18BCN7127.pdf
Lab_1_2.PNG
Lab_1_3.PNG
Lab_1_4.PNG
Lab_1_5.PNG
Lab_1_6.PNG
Lab_2_1.PNG
Lab_2_18BCN7127.docx
Lab_2_18BCN7127.docx.pdf
Lab_2_2.PNG
Lab_2_3.PNG
Lab_2_4.PNG
Lab_2_5.PNG
Lab_3_1.PNG
Lab_3_18BCN7127.docx
```

2. Write a python script to get all directory name in a current directory

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

```
C:\Users\Veneela>cd Documents

C:\Users\Veneela\Documents>python test.py
['Custom Office Templates', 'My Music', 'My Pictures', 'My Videos']
['Custom Office Templates', 'My Music', 'My Pictures', 'My Videos']
['Custom Office Templates', 'My Music', 'My Pictures', 'My Videos']
['Custom Office Templates', 'My Music', 'My Pictures', 'My Videos']
['Custom Office Templates', 'My Music', 'My Pictures', 'My Videos']
['Custom Office Templates', 'My Music', 'My Pictures', 'My Videos']
```

3. Write a python script to get all directories names in a current directory

```
import os
my_list = os.listdir('.')
print(my_list)
```

```
C:\Users\Veneela\Desktop\My_Stuff\Courses_Win_2021>python test.py
['Adv_Cyber', 'Annexure - I Tentative List of Courses.pdf', 'Annexure - II Slot Time Table WIN 2020-21 Semester.pdf', 'Blockchain', 'Capture.PNG', 'Curriculum Consolidated Ver2.0.pdf', 'FDA', 'Linear_algebra', 'NO_SQL', 'OS', 'Secure_Coding', 'test.py', 'Time_table.PNG']
```

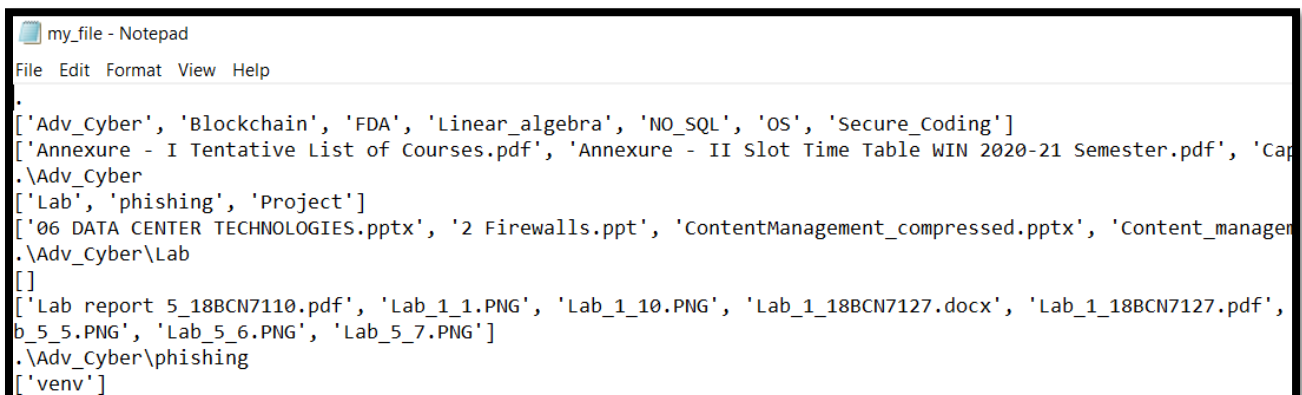
4. Write python script to get file name, directories and sub directories recursively

```
import os
path='.'
for root,d_names,f_names in os.walk(path):
    print(root,d_names,f_names)
```

```
C:\Users\Veneela\Desktop\My_Stuff\Courses_Win_2021>python test.py
. ['Adv_Cyber', 'Blockchain', 'FDA', 'Linear_algebra', 'NO_SQL', 'OS', 'Secure_Coding'] [
'Annexure - I Tentative List of Courses.pdf', 'Annexure - II Slot Time Table WIN 2020-21
Semester.pdf', 'Capture.PNG', 'Curriculum Consolidated Ver2.0.pdf', 'test.py', 'Time_tabl
e.PNG']
.\Adv_Cyber ['Lab', 'phishing', 'Project'] ['06 DATA CENTER TECHNOLOGIES.pptx', '2 Firewa
lls.ppt', 'ContentManagement_compressed.pptx', 'Content_management.docx', 'Edge_Devices.p
ptx', 'IDS_AND_IPS.pdf', 'INFORMATION_SECURITY.pptx', 'INFORMATION_SECURITY_2.pptx', 'Int
rusion_Detection_Systems.pptx', 'Module_1.pptx', 'Network_Security_Challenges.pptx', 'Ser
ver_and_its_type.pdf']
.\Adv_Cyber\Lab [] ['Lab report 5_18BCN7110.pdf', 'Lab_1_1.PNG', 'Lab_1_10.PNG', 'Lab_1_1
8BCN7127.docx', 'Lab_1_18BCN7127.pdf', 'Lab_1_2.PNG', 'Lab_1_3.PNG', 'Lab_1_4.PNG', 'Lab_
1_5.PNG', 'Lab_1_6.PNG', 'Lab_1_7.PNG', 'Lab_1_8.PNG', 'Lab_1_9.PNG', 'Lab_2_18BCN7127.do
cx', 'Lab_2_18BCN7127.pdf', 'Lab_3_1.PNG', 'Lab_3_10.PNG', 'Lab_3_11.PNG', 'Lab_3_12.PNG'
, 'Lab_3_13.PNG', 'Lab_3_14.PNG', 'Lab_3_15.PNG', 'Lab_3_16.PNG', 'Lab_3_17.PNG', 'Lab_3_
18.PNG', 'Lab_3_18BCN7127.docx', 'Lab_3_18BCN7127.pdf', 'Lab_3_19.PNG', 'Lab_3_2.PNG', 'L
```

5. Get above output in a text file

```
import os
path='.'
with open('my_file.txt','w') as f:
    for root,d_names,f_names in os.walk(path):
        f.write("%s\n" %root)
        f.write("%s\n" %d_names)
        f.write("%s\n" %f_names)
```



```
my_file - Notepad
File Edit Format View Help
.
['Adv_Cyber', 'Blockchain', 'FDA', 'Linear_algebra', 'NO_SQL', 'OS', 'Secure_Coding']
['Annexure - I Tentative List of Courses.pdf', 'Annexure - II Slot Time Table WIN 2020-21 Semester.pdf', 'Cap
.\Adv_Cyber
['Lab', 'phishing', 'Project']
['06 DATA CENTER TECHNOLOGIES.pptx', '2 Firewalls.ppt', 'ContentManagement_compressed.pptx', 'Content_managen
.\Adv_Cyber\Lab
[]
['Lab report 5_18BCN7110.pdf', 'Lab_1_1.PNG', 'Lab_1_10.PNG', 'Lab_1_18BCN7127.docx', 'Lab_1_18BCN7127.pdf',
b_5_5.PNG', 'Lab_5_6.PNG', 'Lab_5_7.PNG']
.\Adv_Cyber\phishing
['.env']
```