Secure Coding Lab-6

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L39+L40

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

```
File   Edit   Format   View   Help
import os
directory_contents = os.listdir(".")
for item in directory_contents:
 if os.path.isdir(item):
     print(item)
```

```
C:\Windows\py.exe
$RECYCLE.BIN
18BCN7081
ACS Labs
ACS thoery ASGNs
AI LABS
Cloud
CSE2010
DCIM
eclipse-workspace
FALL SEM 3-1
LAW Asgns
Personal finance
Secure Coding LABS
System Volume Information
Web Lab
```

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

File   Edit   Format   View   Help

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

```
.\ACS Labs
.\ACS thoery ASGNs
.\AI LABS
.\Cloud
.\CSE2010
.\DCIM
.\eclipse-workspace
.\FALL SEM 3-1
.\LAW Asgns
.\Personal finance
.\Secure Coding LABS
.\System Volume Informat
.\Web Lab
.\$RECYCLE.BIN\S-1-5-21-
.\Cloud\Module-2
.\CSE2010\CAT-1
.\CSE2010\CAT-2
.\CSE2010\CAT-3
```

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

File   Edit   Format   View   Help

```
import os

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

```
PS G:\> python 4.py
['$RECYCLE.BIN', '18BCN7081', 'ACS Labs', 'ACS thoery ASGNs', 'AI LABS', 'Cloud', 'CSE2010', 'D
', 'LAW Asgns', 'Personal finance', 'Secure Coding LABS', 'System Volume Information', 'Web Lab
['S-1-5-21-1300037038-1071634302-2973130281-1001'] []
[] ['desktop.ini']
[] ['ClientProgram.class', 'ClientProgram.java', 'DateClient.class', 'DateClient.java', 'DateSe
Side.class', 'ServerSide.java', 'UDPClient.class', 'UDPClient.java', 'UDPServer.class', 'UDPSer
[] ['Adv Cyb-1.docx', 'DJ_ACSlab-2.pdf']
[] ['18BCN7081_CSE4028 ASSTGNMENT.pdf', '18BCN7112-ASSTGNMENT - 3.pdf']
[] ['18BCN7081_AI LAB-4.pdf', '18BCN7081_AI_Lab1.pdf', '18BCN7081_AI_lAB3.pdf', 'AI Lab-2.pdf']
['Module-2'] ['Module-2.zip']
[] ['01-Cloud Enabling Tech.pdf', '02-DATA CENTER TECHNOLOGIES.pdf', '03-Virtualization Technolo
', '06-Web Technology.pdf', 'Concepts.ppt', 'Datacenter Tech-REf.pptx', 'VIRTUALIZATION by jos
uting-net.ppt']
```



```
['$RECYCLE.BIN', '18BCN7081', 'ACS Labs', 'ACS thoery ASGNs', 'AI LABS', 'Cloud', 'CSE2016
, 'Secure Coding LABS', 'System Volume Information', 'Web Lab'] ['2.py', '3.py', '4.py']
['S-1-5-21-1300037038-1071634302-2973130281-1001'] []
[] ['desktop.ini']
[] ['ClientProgram.class', 'ClientProgram.java', 'DateClient.class', 'DateClient.java', 'D
DPClient.class', 'UDPClient.java', 'UDPServer.class', 'UDPServer.java']
[] ['Adv Cyb-1.docx', 'DJ_ACSlab-2.pdf']
[] ['18BCN7081_CSE4028 ASSIGNMENT.pdf', '18BCN7112-ASSIGNMENT - 3.pdf']
[] ['18BCN7081_AI LAB-4.pdf', '18BCN7081_AI_Lab1.pdf', '18BCN7081_AI_lAB3.pdf', 'AI Lab-2.
'Module-2'] ['Module-2.zip']
[] ['01-Cloud Enabling Tech.pdf', '02-DATA CENTER TECHNOLOGIES.pdf', '03-Virtualization Te
epts.ppt', 'Datacenter Tech-REf.pptx', 'VIRTUALIZATION by joshi.pptx', 'Virtualization-and
'CAT-1', 'CAT-2', 'CAT-3'] []
[] ['CSE2010_Winter18-19_CAT-1_1.pdf', 'CSE2010_Winter18-19_CAT-1_2.pdf', 'CSE2010_Winter1
[] ['CSE2010_Winter 2018-19 CAT-2_1.pdf', 'CSE2010_Winter 2018-19_CAT-2_2.pdf', 'CSE2010_W
```

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