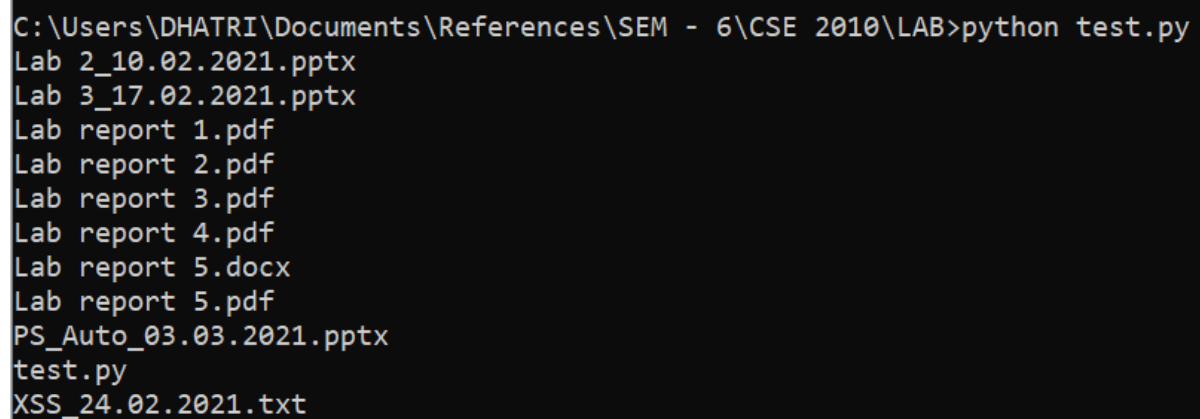


CSE 2010
LAB REPORT 6

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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)
```

A screenshot of a terminal window with a black background and white text. The prompt is 'C:\Users\DHATRI\Documents\References\SEM - 6\CSE 2010\LAB>python test.py'. The output lists the following files: 'Lab 2_10.02.2021.pptx', 'Lab 3_17.02.2021.pptx', 'Lab report 1.pdf', 'Lab report 2.pdf', 'Lab report 3.pdf', 'Lab report 4.pdf', 'Lab report 5.docx', 'Lab report 5.pdf', 'PS_Auto_03.03.2021.pptx', 'test.py', and 'XSS_24.02.2021.txt'.

```
C:\Users\DHATRI\Documents\References\SEM - 6\CSE 2010\LAB>python test.py
Lab 2_10.02.2021.pptx
Lab 3_17.02.2021.pptx
Lab report 1.pdf
Lab report 2.pdf
Lab report 3.pdf
Lab report 4.pdf
Lab report 5.docx
Lab report 5.pdf
PS_Auto_03.03.2021.pptx
test.py
XSS_24.02.2021.txt
```

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

```
import os

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

```

C:\Users\DHATRI\Documents\References>python test.py
['SEM - 6']
['CSE 1006', 'CSE 2008', 'CSE 2010', 'CSE 3009', 'CSE 4028', 'MAT 2005', 'MGT 2004', 'STS']
['CSE 1006', 'CSE 2008', 'CSE 2010', 'CSE 3009', 'CSE 4028', 'MAT 2005', 'MGT 2004', 'STS']
['CSE 1006', 'CSE 2008', 'CSE 2010', 'CSE 3009', 'CSE 4028', 'MAT 2005', 'MGT 2004', 'STS']
['CSE 1006', 'CSE 2008', 'CSE 2010', 'CSE 3009', 'CSE 4028', 'MAT 2005', 'MGT 2004', 'STS']
['CSE 1006', 'CSE 2008', 'CSE 2010', 'CSE 3009', 'CSE 4028', 'MAT 2005', 'MGT 2004', 'STS']
['CSE 1006', 'CSE 2008', 'CSE 2010', 'CSE 3009', 'CSE 4028', 'MAT 2005', 'MGT 2004', 'STS']
['CSE 1006', 'CSE 2008', 'CSE 2010', 'CSE 3009', 'CSE 4028', 'MAT 2005', 'MGT 2004', 'STS']
['CSE 1006', 'CSE 2008', 'CSE 2010', 'CSE 3009', 'CSE 4028', 'MAT 2005', 'MGT 2004', 'STS']
['LAB', 'Mod 1', 'Mod 2']
['LAB', 'Mod 1', 'Mod 2']
['LAB', 'Mod 1', 'Mod 2']
['LAB']
['LAB']
['LAB']
['LAB']

```

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

```

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

```

```

C:\Users\DHATRI\Documents\References\SEM - 6>python test.py
['CSE 1006', 'CSE 2008', 'CSE 2010', 'CSE 3009', 'CSE 4028', 'MAT 2005', 'MGT 2004', 'STS', 'test.py']

```

- 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\DHATRI\Documents\References\SEM - 6\CSE 2010>python test.py
. ['LAB'] ['CSE2010_Secure Coding.docx', 'SC_CAT1_Security principles.pptx', 'S
C_CAT1_Vulnerabilities.pptx', 'test.py']
.\LAB [] ['Lab 2_10.02.2021.pptx', 'Lab 3_17.02.2021.pptx', 'Lab report 1.pdf',
'Lab report 2.pdf', 'Lab report 3.pdf', 'Lab report 4.pdf', 'Lab report 5.docx
', 'Lab report 5.pdf', 'PS_Auto_03.03.2021.pptx', 'XSS_24.02.2021.txt']
```

5. Get the above output in a text file.

```
import os
path = '.'

with open('your_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)
```

