Lab 6

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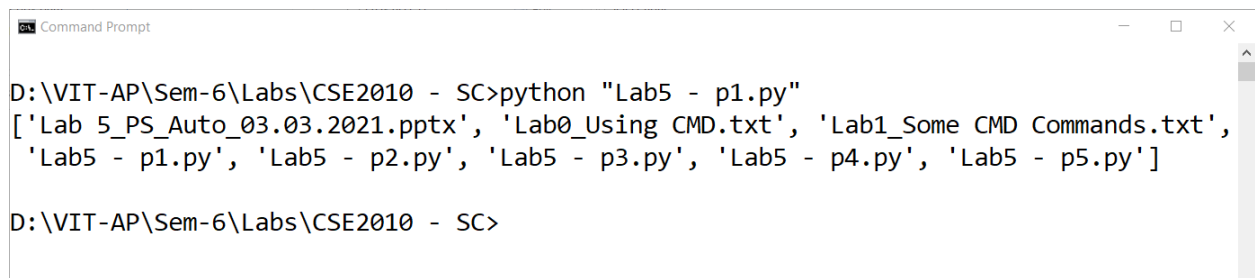
import os

from os import listdir

from os.path import isfile, join

onlyfiles = [f for f in listdir(os.getcwd()) if isfile(join(os.getcwd(), f))]

print(onlyfiles)

```
Command Prompt                                                          —    □    ✕

D:\VIT-AP\Sem-6\Labs\CSE2010 - SC>python "Lab5 - p1.py"
['Lab 5_PS_Auto_03.03.2021.pptx', 'Lab0_Using CMD.txt', 'Lab1_Some CMD Commands.txt',
 'Lab5 - p1.py', 'Lab5 - p2.py', 'Lab5 - p3.py', 'Lab5 - p4.py', 'Lab5 - p5.py']

D:\VIT-AP\Sem-6\Labs\CSE2010 - SC>
```

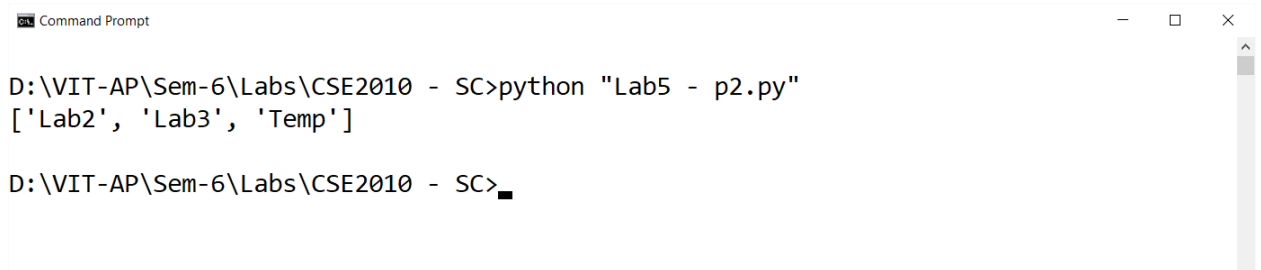- Write a python script to get all the directory names in the current directory

import os

from os import listdir

from os.path import isdir, join

onlyfiles = [f for f in listdir(os.getcwd()) if isdir(join(os.getcwd(), f))]

print(onlyfiles)

```
Command Prompt                                                          —    □    ✕

D:\VIT-AP\Sem-6\Labs\CSE2010 - SC>python "Lab5 - p2.py"
['Lab2', 'Lab3', 'Temp']

D:\VIT-AP\Sem-6\Labs\CSE2010 - SC>
```

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

import os

for dirpath, dirnames, files in os.walk('.'):

  print(f'Found directory: {dirpath}')

```
Command Prompt                                                                    —  □  ×

D:\VIT-AP\Sem-6\Labs\CSE2010 - SC>python "Lab5 - p3.py"
Found directory: .
Found directory: .\Lab2
Found directory: .\Lab3
Found directory: .\Temp
Found directory: .\Temp\Temp1
Found directory: .\Temp\Temp1\Temp2
Found directory: .\Temp\Temp3

D:\VIT-AP\Sem-6\Labs\CSE2010 - SC>_
```

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

import os

for dirpath, dirnames, files in os.walk('.'):

  print(f'Found directory: {dirpath}')

  for file_name in files:

    print(file_name)

```
Command Prompt                                                                    —  □  ×

D:\VIT-AP\Sem-6\Labs\CSE2010 - SC>python "Lab5 - p4.py"
Found directory: .
Lab 5_PS_Auto_03.03.2021.pptx
Lab0_Using CMD.txt
Lab1_Some CMD Commands.txt
Lab5 - p1.py
Lab5 - p2.py
Lab5 - p3.py
Lab5 - p4.py
Lab5 - p5.py
Found directory: .\Lab2
Lab 2_10.02.2021.pptx
Lab2_Command 1.txt
Lab2_Command 2.py
Lab2_schtasks.txt
Found directory: .\Lab3
```

- 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.

```python
import os

f= open("pytotext.txt","w+")

for dirpath, dirnames, files in os.walk('.'):

    print(f'Found directory: {dirpath}')

    f.write(dirpath+" ")

    for file_name in files:

        print(file_name)

        f.write(file_name+"\n")

    f.close()
```
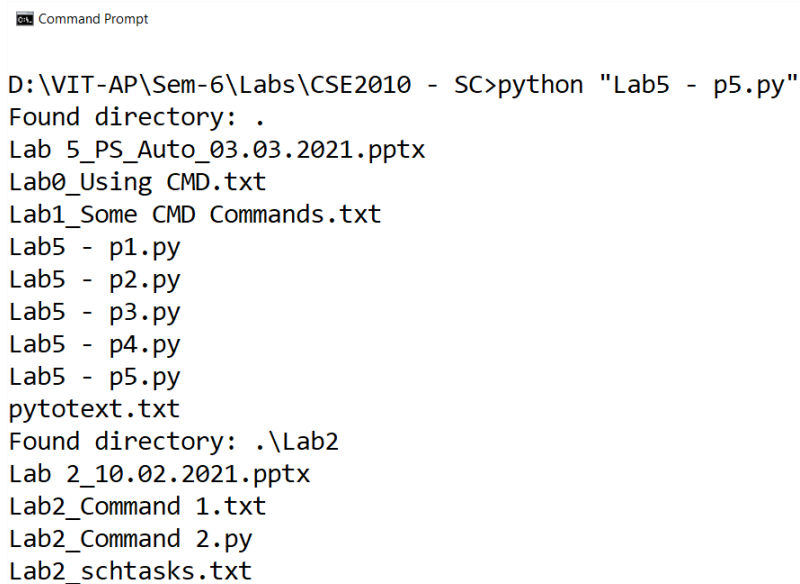
```
Command Prompt                                                                    —   □   ✕

D:\VIT-AP\Sem-6\Labs\CSE2010 - SC>python "Lab5 - p5.py"
Found directory: .
Lab 5_PS_Auto_03.03.2021.pptx
Lab0_Using CMD.txt
Lab1_Some CMD Commands.txt
Lab5 - p1.py
Lab5 - p2.py
Lab5 - p3.py
Lab5 - p4.py
Lab5 - p5.py
pytotext.txt
Found directory: .\Lab2
Lab 2_10.02.2021.pptx
Lab2_Command 1.txt
Lab2_Command 2.py
Lab2_schtasks.txt
```

· Lab 5_PS_Auto_03·03·2021·pptx
Lab0_Using CMD·txt
Lab1_Some CMD Commands·txt
Lab5 - p1·py
Lab5 - p2·py
Lab5 - p3·py
Lab5 - p4·py
Lab5 - p5·py
pytotext·txt
·\Lab2 Lab 2_10·02·2021·pptx
Lab2_Command 1·txt
Lab2_Command 2·py
Lab2_schtasks·txt
·\Lab3 Lab 3_17·02·2021·pptx
Lab3 - Adv Defrag·txt
Lab3 - attrib·txt
Lab3 - Empty-recyclebin·py