

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

Code:

```
import os

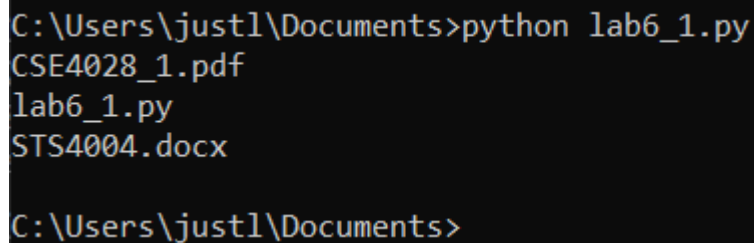
basepath = 'C:/Users/justl/OneDrive/Desktop/Sem-6'

for entry in os.listdir(basepath):

    if os.path.isfile(os.path.join(basepath, entry)):

        print(entry)
```

Output:



```
C:\Users\justl\Documents>python lab6_1.py
CSE4028_1.pdf
lab6_1.py
STS4004.docx

C:\Users\justl\Documents>
```

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

Code:

```
import os

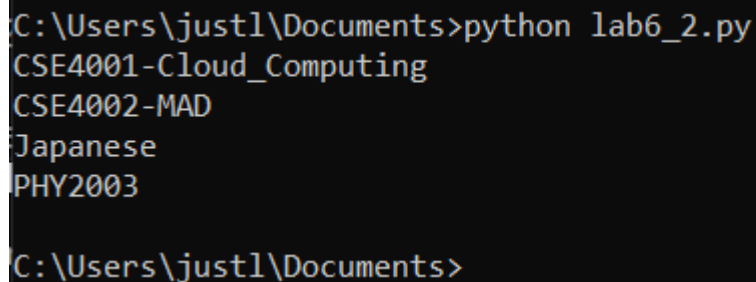
basepath = 'C:/Users/justl/OneDrive/Desktop/Sem-6'

for entry in os.listdir(basepath):

    if os.path.isdir(os.path.join(basepath, entry)):

        print(entry)
```

Output:



```
C:\Users\justl\Documents>python lab6_2.py
CSE4001-Cloud_Computing
CSE4002-MAD
Japanese
PHY2003

C:\Users\justl\Documents>
```

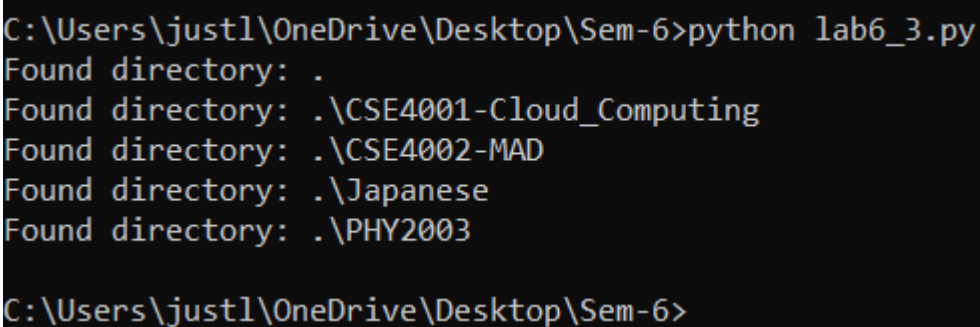
3. Write a python script to get all the directory and subdirectory names in the current directory

Code:

```
import os

for dirpath, dirnames, files in os.walk('.'):
    print(f'Found directory: {dirpath}')
```

Output:



```
C:\Users\justl\OneDrive\Desktop\Sem-6>python lab6_3.py
Found directory: .
Found directory: .\CSE4001-Cloud_Computing
Found directory: .\CSE4002-MAD
Found directory: .\Japanese
Found directory: .\PHY2003

C:\Users\justl\OneDrive\Desktop\Sem-6>
```

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

Code:

```
import os

for dirpath, dirnames, files in os.walk('.'):
    print(f'Found directory: {dirpath}')

    for file_name in files:
        print(file_name)
```

Output:

```

C:\Users\justl\Documents>cd C:\Users\justl\OneDrive\Desktop\Sem-6

C:\Users\justl\OneDrive\Desktop\Sem-6>python lab6_3.py
Found directory: .
CSE4028_1.pdf
lab6_1.py
lab6_3.py
STS4004.docx
Found directory: .\CSE4001-Cloud_Computing
CSE4001_CLOUD-COMPUTING_TH_1.0_2_CSE4001.docx
Found directory: .\CSE4002-MAD
CSE4002_MOBILE-APPLICATION-DEVELOPMENT_ETH_1.0_2_CSE4002.docx
Found directory: .\Japanese
Marugoto_ Japanese language and culture Starter A1 Coursebook for communicative language competences - Japanese Language
Study Book ( PDFDrive ).pdf
Found directory: .\PHY2003
1.1Syllabus.docx

C:\Users\justl\OneDrive\Desktop\Sem-6>

```

5. 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

Code:

```

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()

```

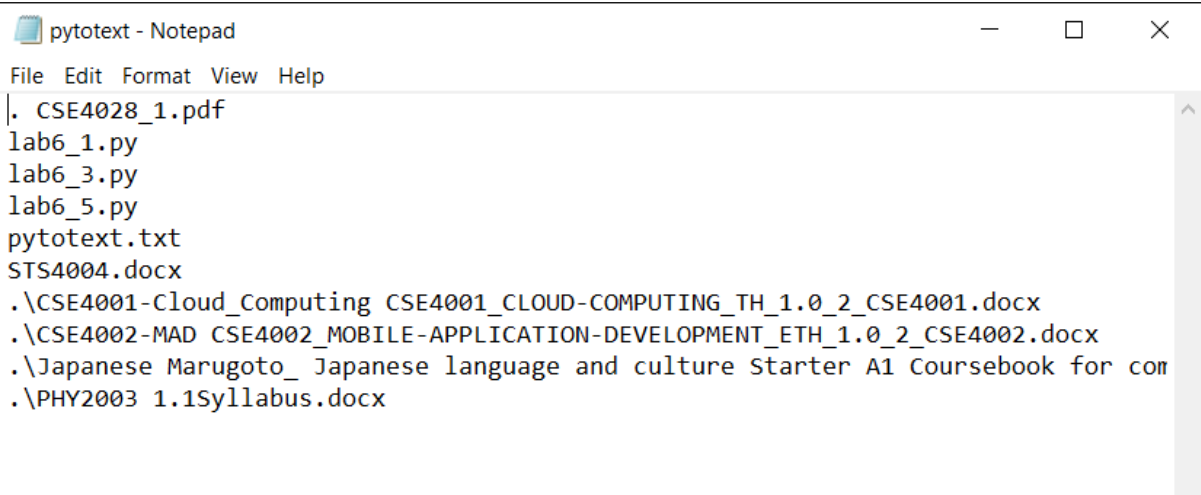
Output:

```

C:\Users\justl\OneDrive\Desktop\Sem-6>python lab6_5.py
Found directory: .
CSE4028_1.pdf
lab6_1.py
lab6_3.py
lab6_5.py
pytotext.txt
STS4004.docx
Found directory: .\CSE4001-Cloud_Computing
CSE4001_CLOUD-COMPUTING_TH_1.0_2_CSE4001.docx
Found directory: .\CSE4002-MAD
CSE4002_MOBILE-APPLICATION-DEVELOPMENT_ETH_1.0_2_CSE4002.docx
Found directory: .\Japanese
Marugoto_ Japanese language and culture Starter A1 Coursebook for communicative language competences - Japanese Language
Study Book ( PDFDrive ).pdf
Found directory: .\PHY2003
1.1Syllabus.docx

C:\Users\justl\OneDrive\Desktop\Sem-6>

```



A screenshot of a Notepad window titled "pytotext - Notepad". The window has a standard Windows interface with a title bar, menu bar (File, Edit, Format, View, Help), and a scrollable text area. The text area contains a list of files and folders, including ". CSE4028_1.pdf", "lab6_1.py", "lab6_3.py", "lab6_5.py", "pytotext.txt", "STS4004.docx", and several subdirectories like ".\CSE4001-Cloud_Computing" and ".\PHY2003 1.1Syllabus.docx".

```
pytotext - Notepad
File Edit Format View Help
|. CSE4028_1.pdf
lab6_1.py
lab6_3.py
lab6_5.py
pytotext.txt
STS4004.docx
.\CSE4001-Cloud_Computing CSE4001_CLOUD-COMPUTING_TH_1.0_2_CSE4001.docx
.\CSE4002-MAD CSE4002_MOBILE-APPLICATION-DEVELOPMENT_ETH_1.0_2_CSE4002.docx
.\Japanese Marugoto_ Japanese language and culture Starter A1 Coursebook for com
.\PHY2003 1.1Syllabus.docx
```