

## Secure Coding Cse 2010

### Lab 6

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

```
import os
basepath = 'C:/Users/JAGAN/Desktop/sc'
for entry in os.listdir(basepath):
    if os.path.isfile(os.path.join(basepath, entry)):
        print(entry)
```

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

```
import os
basepath = 'C:/Users/JAGAN/Desktop/CLOUD'
for entry in os.listdir(basepath):
    if os.path.isdir(os.path.join(basepath, entry)):
        print(entry)
```

**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}')
```

**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)
```

**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**

```
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()
```