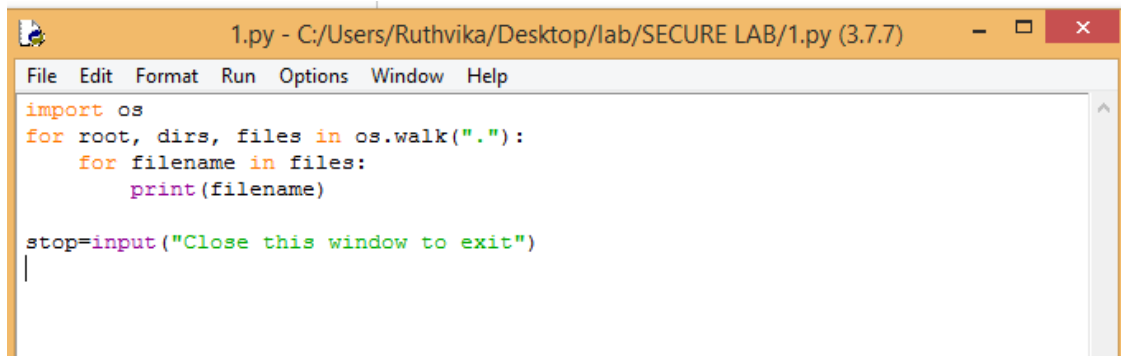# SECURE CODING

Lab-6

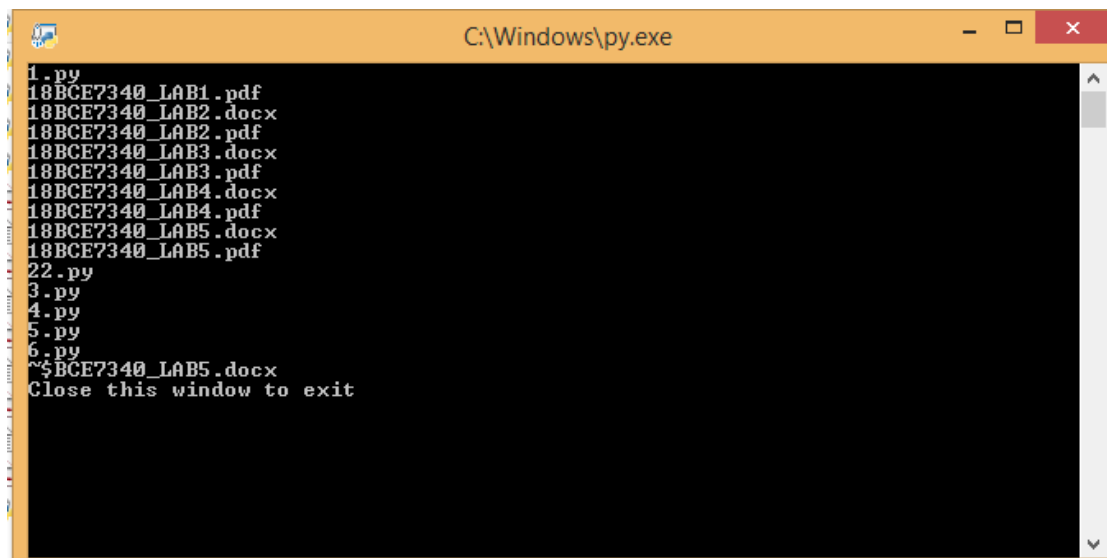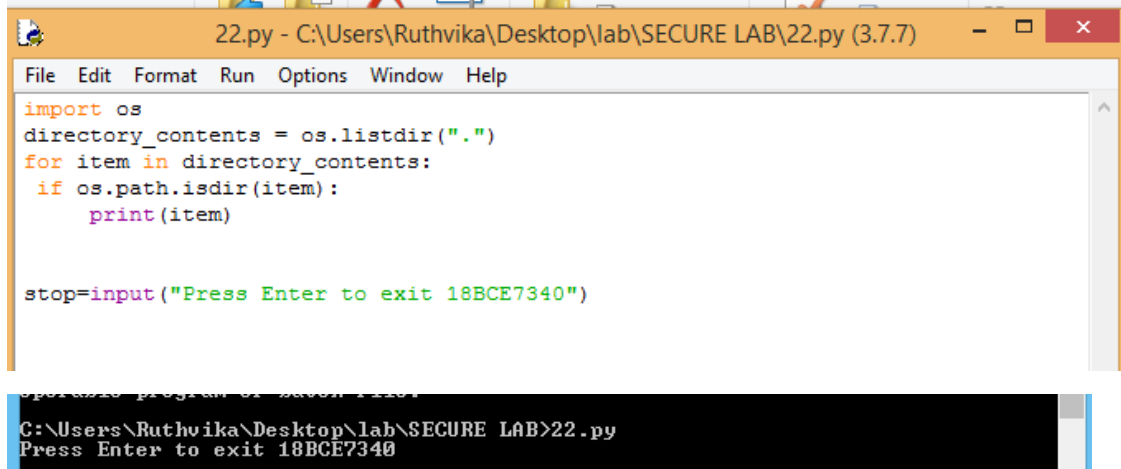**Lalitha Dandibhotla**

18BCN7025

1)


```
1.py - C:/Users/Ruthvika/Desktop/lab/SECURE LAB/1.py (3.7.7)
File  Edit  Format  Run  Options  Window  Help
import os
for root, dirs, files in os.walk("."):
    for filename in files:
        print(filename)

stop=input("Close this window to exit")
```

```
C:\Windows\py.exe
1.py
18BCE7340_LAB1.pdf
18BCE7340_LAB2.docx
18BCE7340_LAB2.pdf
18BCE7340_LAB3.docx
18BCE7340_LAB3.pdf
18BCE7340_LAB4.docx
18BCE7340_LAB4.pdf
18BCE7340_LAB5.docx
18BCE7340_LAB5.pdf
22.py
3.py
4.py
5.py
6.py
~$BCE7340_LAB5.docx
Close this window to exit
```
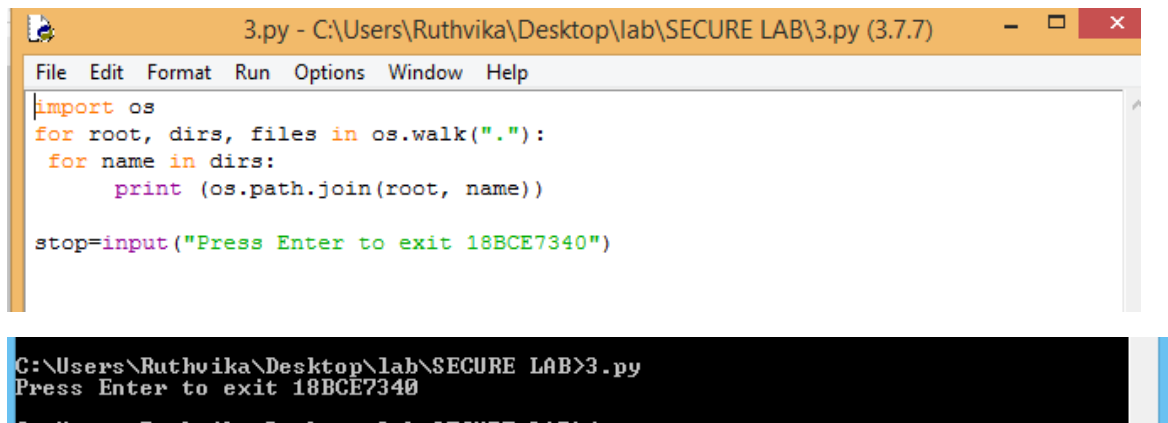
2)

22.py - C:\Users\Ruthvika\Desktop\lab\SECURE LAB\22.py (3.7.7)

File Edit Format Run Options Window Help

```python
import os
directory_contents = os.listdir(".")
for item in directory_contents:
 if os.path.isdir(item):
     print(item)


stop=input("Press Enter to exit 18BCE7340")
```

```
C:\Users\Ruthvika\Desktop\lab\SECURE LAB>22.py
Press Enter to exit 18BCE7340
```
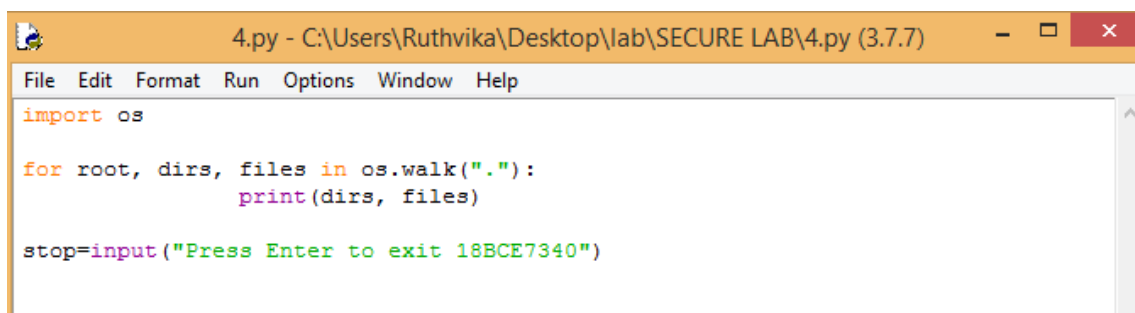
3)

3.py - C:\Users\Ruthvika\Desktop\lab\SECURE LAB\3.py (3.7.7)

File Edit Format Run Options Window Help

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

stop=input("Press Enter to exit 18BCE7340")
```

```
C:\Users\Ruthvika\Desktop\lab\SECURE LAB>3.py
Press Enter to exit 18BCE7340
```

4)

4.py - C:\Users\Ruthvika\Desktop\lab\SECURE LAB\4.py (3.7.7)

File Edit Format Run Options Window Help

```python
import os

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

stop=input("Press Enter to exit 18BCE7340")
```

```
[] ['1.py', '18BCE7340_LAB1.pdf', '18BCE7340_LAB2.docx', '18BCE7340_LAB2.pdf', '
18BCE7340_LAB3.docx', '18BCE7340_LAB3.pdf', '18BCE7340_LAB4.docx', '18BCE7340_LA
B4.pdf', '18BCE7340_LAB5.docx', '18BCE7340_LAB5.pdf', '22.py', '3.py', '4.py', '
5.py', '6.py', '^$BCE7340_LAB5.docx']
Press Enter to exit 18BCE7340_
```

5)


```python
import os

f_output=open("O5.txt", "a")
for root, dirs, files in os.walk("."):
                for dirs in dirs:
                                f_output.write('\n' + dirs)
                f_output.write('\n\n')
                for files in files:
                                f_output.write('\n' + files )

stop=input("Press Enter to exit 18BCE7340")
```

```
Press Enter to exit 18BCE7340
C:\Users\Ruthvika\Desktop\lab\SECURE LAB>5.py
Press Enter to exit 18BCE7340
```

6)


```python
import subprocess
process = subprocess.Popen(["powershell","New-Item 18BCE7340_0.txt,18BCE7340_1.t
result=process.communicate()[0]
print(result)

stop=input("Press Enter to exit 18BCE7340")
```

```
C:\Users\Ruthvika\Desktop\lab\SECURE LAB>6.PY
Traceback (most recent call last):
  File "C:\Users\Ruthvika\Desktop\lab\SECURE LAB\6.py", line 2, in <module>
    process = subprocess.Popen(["powershell","New-Item 18BCE7340_0.txt,18BCE7340
_1.txt,18BCE7340_2.txt,18BCE7340_3.txt"],stdout=subprocess.PIPE)
  File "C:\Users\Ruthvika\AppData\Local\Programs\Python\Python38-32\lib\subproce
ss.py", line 854, in __init__
    self._execute_child(args, executable, preexec_fn, close_fds,
  File "C:\Users\Ruthvika\AppData\Local\Programs\Python\Python38-32\lib\subproce
ss.py", line 1307, in _execute_child
    hp, ht, pid, tid = _winapi.CreateProcess(executable, args,
FileNotFoundError: [WinError 2] The system cannot find the file specified
ss.py", line 1307, in _execute_child
C:\Users\Ruthvika\Desktop\lab\SECURE LAB>_
```