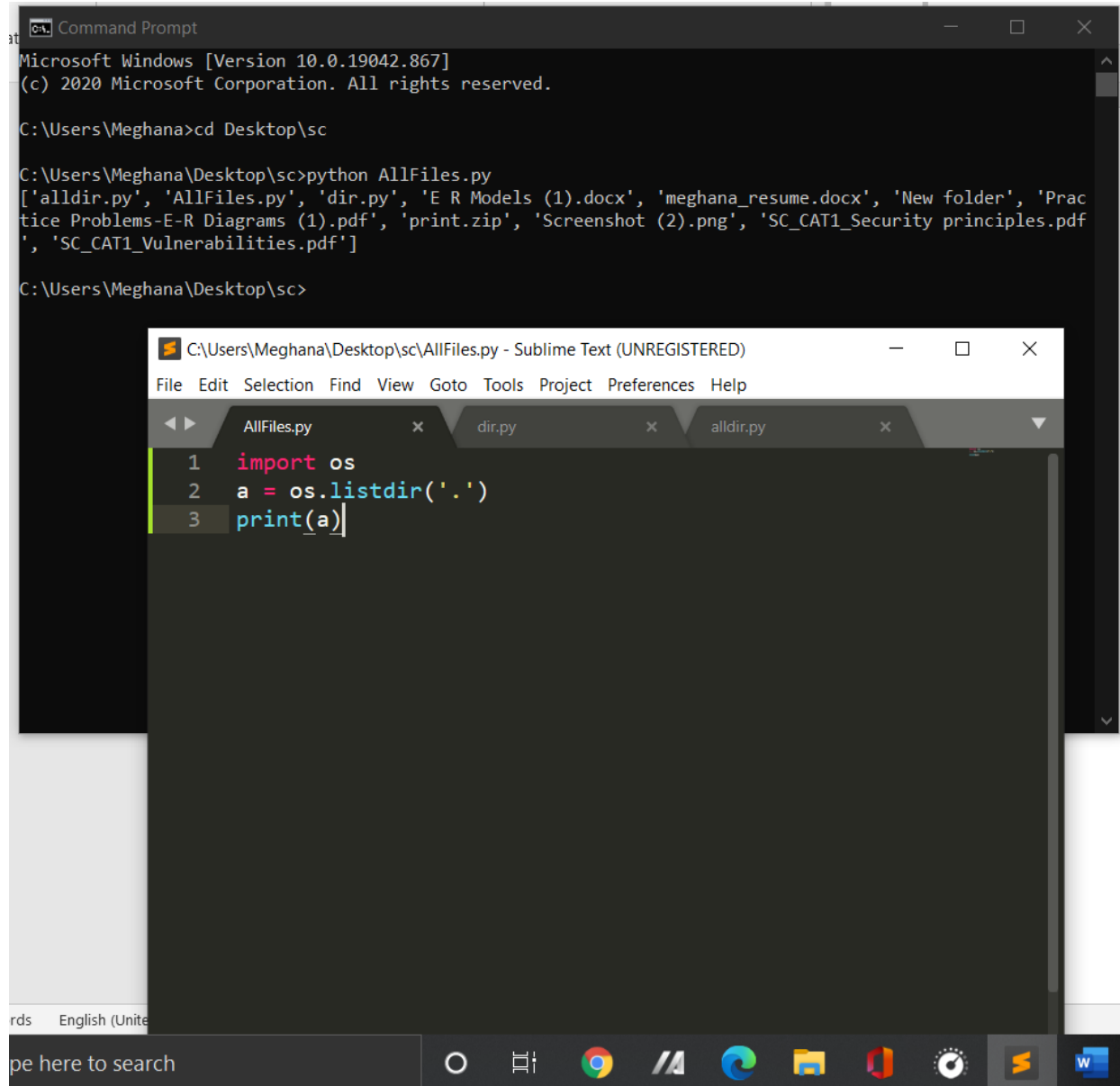


SECURE CODING LAB 6

MEGHANA CILAGANI

19BCN7157



```
Command Prompt
Microsoft Windows [Version 10.0.19042.867]
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C:\Users\Meghana>cd Desktop\sc

C:\Users\Meghana\Desktop\sc>python AllFiles.py
['alldir.py', 'AllFiles.py', 'dir.py', 'E R Models (1).docx', 'meghana_resume.docx', 'New folder', 'Practice Problems-E-R Diagrams (1).pdf', 'print.zip', 'Screenshot (2).png', 'SC_CAT1_Security principles.pdf', 'SC_CAT1_Vulnerabilities.pdf']

C:\Users\Meghana\Desktop\sc>

C:\Users\Meghana\Desktop\sc\AllFiles.py - Sublime Text (UNREGISTERED)
File Edit Selection Find View Goto Tools Project Preferences Help

AllFiles.py x dir.py x alldir.py x
1 import os
2 a = os.listdir('.')
3 print(a)
```

```
C:\Users\Meghana\Desktop\sc>python dir.py
.\New folder

C:\Users\Meghana\Desktop\sc>python alldir.py
.
.\New folder

C:\Users\Meghana\Desktop\sc>
```

C:\Users\Meghana\Desktop\sc\dir.py - Sublime Text (UNREGISTERED)

File Edit Selection Find View Goto Tools Project Preferences Help

AllFiles.py x dir.py x alldir.py x

```
1 import os
2 for root,dirs,_ in os.walk('.'):
3     for d in dirs:
4         print (os.path.join(root,d))
```

type here to search

C:\Users\Meghana\Desktop\sc\alldir.py - Sublime Text (UNREGISTERED)

File Edit Selection Find View Goto Tools Project Preferences Help

AllFiles.py x dir.py x alldir.py x

```
1 import os
2 for i,j,k in os.walk('.'):
3     print(i)
```

C:\Users\Meghana\Desktop\sc\files.py - Sublime Text (UNREGISTERED)

File Edit Selection Find View Goto Tools Project Preferences Help

```
< > AllFiles.py x dir.py x alldir.py x files.py x
1 import os
2 def getList(name):
3     filelist = os.listdir(name)
4     allfiles = list()
5     for i in filelist:
6         loc = os.path.join(name, i)
7         if os.path.isdir(loc):
8             allfiles = allfiles + getList(loc)
9         else:
10            allfiles.append(loc)
11    return allfiles
12 def main():
13    name='C:\\Users\\Meghana\\Desktop\\sc';
14
15    filelist = getList(name)
16    for i in filelist:
17        print(i)
18    print(".....")
19    filelist = list()
20    for (dirpath, names, filenames) in os.walk(name):
21        filelist += [os.path.join(dirpath, file) for file in filenames]
22    for i in filelist:
23        print (i)
24 if __name__ == '__main__':
25    main()
```

Line 6, Column 35

Windows Taskbar: Type here to search, Task View, Chrome, VS Code, Edge, File Explorer, OneDrive, Task Scheduler

C:\Users\Meghana\Desktop\sc\files.py - Sublime Text (UNREGISTERED)

File Edit Selection Find View Goto Tools Project Preferences Help

```
1 import os
2 import sys
3 stdoutOrigin =sys.stdout
4 sys.stdout = open("Files.txt","w")
5 def getList(name):
6     filelist = os.listdir(name)
7     allfiles = list()
8     for i in filelist:
9         loc = os.path.join(name, i)
10        if os.path.isdir(loc):
11            allfiles = allfiles + getList(loc)
12        else:
13            allfiles.append(loc)
14    return allfiles
15 def main():
16     name='C:\\Users\\Meghana\\Desktop\\sc';
17
18     filelist = getList(name)
19     for i in filelist:
20         print(i)
21     print(".....")
22     filelist = list()
23     for (dirpath, names, filenames) in os.walk(name):
24         filelist +=[os.path.join(dirpath, file) for file in filenames]
25     for i in filelist:
26         print (i)
27 if __name__=='__main__':
28     main()
```

Line 7, Column 22



Type here to search



Command Prompt

```
C:\Users\Meghana\Desktop\sc\dir.py
C:\Users\Meghana\Desktop\sc\E R Models (1).docx
C:\Users\Meghana\Desktop\sc\files.py
C:\Users\Meghana\Desktop\sc\meghana_resume.docx
C:\Users\Meghana\Desktop\sc\New folder\dir.py
C:\Users\Meghana\Desktop\sc\Practice Problems-E-R Diagrams (1).pdf
C:\Users\Meghana\Desktop\sc\print.zip
C:\Users\Meghana\Desktop\sc\Screenshot (2).png
C:\Users\Meghana\Desktop\sc\SC_CAT1_Security principles.pdf
C:\Users\Meghana\Desktop\sc\SC_CAT1_Vulnerabilities.pdf
.....
C:\Users\Meghana\Desktop\sc\alldir.py
C:\Users\Meghana\Desktop\sc\AllFiles.py
C:\Users\Meghana\Desktop\sc\dir.py
C:\Users\Meghana\Desktop\sc\E R Models (1).docx
C:\Users\Meghana\Desktop\sc\files.py
C:\Users\Meghana\Desktop\sc\meghana_resume.docx
C:\Users\Meghana\Desktop\sc\Practice Problems-E-R Diagrams (1).pdf
C:\Users\Meghana\Desktop\sc\print.zip
C:\Users\Meghana\Desktop\sc\Screenshot (2).png
C:\Users\Meghana\Desktop\sc\SC_CAT1_Security principles.pdf
C:\Users\Meghana\Desktop\sc\SC_CAT1_Vulnerabilities.pdf
C:\Users\Meghana\Desktop\sc\New folder\dir.py

C:\Users\Meghana\Desktop\sc>_
```

C:\Users\Meghana\Desktop\sc\Files.txt - Sublime Text (UNREGISTERED)

File Edit Selection Find View Goto Tools Project Preferences Help

```
< > AllFiles.py x dir.py x alldir.py x files.py x Files.txt x
7 C:\Users\Meghana\Desktop\sc\meghana_resume.docx
8 C:\Users\Meghana\Desktop\sc\New folder\dir.py
9 C:\Users\Meghana\Desktop\sc\Practice Problems-E-R Diagrams (1).pdf
10 C:\Users\Meghana\Desktop\sc\print.zip
11 C:\Users\Meghana\Desktop\sc\Screenshot (2).png
12 C:\Users\Meghana\Desktop\sc\SC_CAT1_Security principles.pdf
13 C:\Users\Meghana\Desktop\sc\SC_CAT1_Vulnerabilities.pdf
14 .....
15 C:\Users\Meghana\Desktop\sc\alldir.py
16 C:\Users\Meghana\Desktop\sc\AllFiles.py
17 C:\Users\Meghana\Desktop\sc\dir.py
18 C:\Users\Meghana\Desktop\sc\E R Models (1).docx
19 C:\Users\Meghana\Desktop\sc\files.py
20 C:\Users\Meghana\Desktop\sc\Files.txt
21 C:\Users\Meghana\Desktop\sc\meghana_resume.docx
22 C:\Users\Meghana\Desktop\sc\Practice Problems-E-R Diagrams (1).pdf
23 C:\Users\Meghana\Desktop\sc\print.zip
24 C:\Users\Meghana\Desktop\sc\Screenshot (2).png
25 C:\Users\Meghana\Desktop\sc\SC_CAT1_Security principles.pdf
26 C:\Users\Meghana\Desktop\sc\SC_CAT1_Vulnerabilities.pdf
27 C:\Users\Meghana\Desktop\sc\New folder\dir.py
28
```

Line 1, Column 1

Windows taskbar with search bar and application icons (Chrome, VS Code, File Explorer, etc.)

```
Windows PowerShell
PS C:\Users\Meghana> ls

Directory: C:\Users\Meghana

Mode                LastWriteTime         Length Name
----                -
d-----         18-08-2020        13:32         .config
d-----         18-08-2020        13:32         .eclipse
d-----         12-02-2021        11:43         .idlerc
d-----         25-08-2020        19:08         .nbi
d-----         27-08-2020        22:20         .p2
d-----         18-08-2020        13:32         .tooling
d-----         11-02-2021        19:53         .vscode
d-r-----        14-03-2021         00:41         3D Objects
d-r-----        18-08-2020        12:29         ansel
d-----         13-03-2021        14:58         Cisco Packet Tracer 8.0
d-r-----        14-03-2021         00:41         Contacts
d-r-----        24-03-2021         09:56         Desktop
d-r-----        14-03-2021         00:41         Documents
d-----         25-08-2020        19:15         DocuPrpents
d-r-----        24-03-2021        13:04         Downloads
d-r-----        16-08-2020        20:05         Dropbox
d-----         24-08-2020        13:17         eclipse-workspace
d-r-----        14-03-2021         00:41         Favorites
d-r-----        14-03-2021         00:41         Links
d-r-----        14-03-2021         00:41         Music
dar--1         22-03-2021         09:05         OneDrive
d-----         07-12-2020        13:22         Oops
d-r-----        14-03-2021         00:41         Pictures
d-----         25-01-2021         09:33         Root_19bcn7157
d-r-----        14-03-2021         00:41         Saved Games
d-r-----        14-03-2021         00:41         Searches
d-r-----        24-03-2021         08:56         Videos
-a-----         07-03-2021        17:53         388 .bash_history
-a-----         07-03-2021        17:22         184 .gitconfig
-a-----         13-03-2021        14:53         172 .packettracer
-a-----         24-03-2021        16:09         1 file0.txt
-a-----         24-03-2021        16:09         1 file1.txt
-a-----         24-03-2021        16:09         1 file2.txt
-a-----         24-03-2021        16:09         1 file3.txt
-a-----         12-03-2021        20:12         20 hello.py
-a-----         06-02-2021        11:46         927 netdata.txt
-a-----         13-02-2021        12:39         0 SCHEDULES
-a-----         19-02-2021        20:10         927 types.txt
-a-----         07-03-2021        17:31         210 _netrc

PS C:\Users\Meghana>
```

```
Windows PowerShell
Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\Meghana> python
Python 3.9.2 (tags/v3.9.2:1a79785, Feb 19 2021, 13:44:55) [MSC v.1928 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>> list=['a','b','c','d']
>>>
>>> for i in range(len(list)):
...     open('file%s.txt'%i,'w').write(list[i])
...
>>> ls
Traceback (most recent call last):
  File "<stdin>", line 1, in <module>
NameError: name 'ls' is not defined
>>>
```