

SECURE CODING LAB ASSIGNMENT 6

Mohammad Abraar
19BCN7024

1. AllFiles.py

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

```
C:\Users\HP>cd documents
```

```
C:\Users\HP\Documents>python AllFiles.py
```

```
['.RData', '.Rhstory', '3Circles_CommonArea.py', 'Adobe', 'AllFiles.py', 'Bandicam', 'Bezier_Curve.py', 'Bresenham.py', 'Bresenham.py', 'Can.java', 'chensutherland line clipping.py', 'client.class', 'client.java', 'CPY_SAVES', 'Cube2pp.PY', 'Cube_2Col.py', 'Cube_2PP.PY', 'Cube_3Colours.py', 'Custom Office Templates', 'Cylinder Proj.py', 'Demo.py', 'Demo1.py', 'Demo2.py', 'Demo3.py', 'Demo4.py', 'Demo5.py', 'Demo6.py', 'Demo7.py', 'Demo8.py', 'Demo9.py', 'Demo.py', 'desktop.ini', 'D_Bezier.py', 'FiboSum.R', 'GFG.class', 'GFG.java', 'light.py', 'light_cube.py', 'line_circle.py', 'LoginID.HTML', 'Main$Action.class', 'Main$Node.class', 'Main$State.class', 'Main$StateActionPair.class', 'Main.class', 'Main.java', 'Map.java', 'MissionariesAndCannibals.class', 'MissionariesAndCannibals.java', 'My Music', 'My Pictures', 'My Videos', 'MyClient.class', 'MyClient.java', 'MyServer.class', 'MyServer.java', 'Octagon.py', 'ParallelLine.class', 'Power.R', 'python programs', 'Python Scripts', 'Q1.java', 'QuitButtonEx.java', 'R', 'Reservation.class', 'Reservation.java', 'Reservation1.class', 'Reservation1.java', 'Resume.html', 'server.class', 'server.java', 'Slope.class', 'State.class', 'Stickman.py', 'StraightLine.java.java', 'StraightLine.class', 'StraightLine.java', 'Students.java', 'Style.css', 'TCPclient1.class', 'TCPclient1.java', 'TCPSEVER.JAVA', 'TCPserver1.class', 'TCPserver1.JAVA', 'TeamLink', 'TestDetails.java', 'Tic.class', 'Tic.java', 'Triangle.R', 'TSMP.java', 'TSMP1.java', 'TTT.class', 'TTT.java', 'Varun_19BCN7024_FDA LA-9.pdf', 'Webpage.html', 'WT Task1.html', 'WT Task2.html', 'WT1.html', 'Zoom', '~$Iculus for Engineers.docx']
```

2. dir.py

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

```
C:\Users\HP\Documents>python dir.py
.\Adobe
.\Bandicam
.\CPY_SAVES
.\Custom Office Templates
.\My Music
.\My Pictures
.\My Videos
.\python programs
.\Python Scripts
.\R
.\TeamLink
.\Zoom
.\CPY_SAVES\CPY
.\python programs\.vscode
.\R\RStudio
.\R\win-library
.\R\win-library\4.0
.\R\win-library\4.0\base64enc
.\R\win-library\4.0\BH
.\R\win-library\4.0\bslib
.\R\win-library\4.0\cachem
.\R\win-library\4.0\callr
.\R\win-library\4.0\class
.\R\win-library\4.0\cluster
```

3.alldir.py

```
alldir.py x AllFiles.py
1 import os
2 for i,j,y in os.walk('.'):
3     print(i)
```

```
C:\Users\HP\Documents>python alldir.py
.
.\Adobe
.\Bandicam
.\CPY_SAVES
.\CPY_SAVES\CPY
.\Custom Office Templates
.\python programs
.\python programs\.vscode
.\Python Scripts
.\R
.\R\RStudio
.\R\win-library
.\R\win-library\4.0
.\R\win-library\4.0\base64enc
.\R\win-library\4.0\base64enc\help
.\R\win-library\4.0\base64enc\html
.\R\win-library\4.0\base64enc\libs
.\R\win-library\4.0\base64enc\libs\i386
.\R\win-library\4.0\base64enc\libs\x64
.\R\win-library\4.0\base64enc\Meta
.\R\win-library\4.0\base64enc\R
.\R\win-library\4.0\BH
.\R\win-library\4.0\BH\help
.\R\win-library\4.0\BH\html
```

4.

```
PS C:\Users\HP> cd desktop
PS C:\Users\HP\desktop> python
Python 3.6.8 (tags/v3.6.8:3c6b436a57, Dec 24 2018, 00:16:47) [MSC v.1916 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license" for more information.
>>> list1 = ['a', 'b', 'c', 'd', 'e']
>>>
>>> for i in range(len(list1)):
...     open('file%s.txt'% i, 'w').write(list1[i])
...
1
1
1
1
1
1
>>>
```

```
PS C:\Users\HP\desktop> ls

Directory: C:\Users\HP\desktop


Mode                LastWriteTime         Length Name
----                -
d-----          3/4/2021  11:57 AM                lab1
d-----          3/4/2021   2:27 PM                lab2
d-----          3/4/2021   4:19 PM                lab3
d-----          3/4/2021   4:23 PM              Lab3a
d-----         3/24/2021  10:08 AM              Photos
d-----         4/25/2021   4:37 PM             practice
d-----          3/4/2021  10:38 PM              py4e
d-----         4/27/2021   6:18 PM                WT
-a-----          9/27/2020  10:40 PM    1147 19BCE7202 fuzzy logic wachine machine.txt
-a-----          3/3/2021   8:43 PM    1074 Cisco Packet Tracer.lnk
-a-----         4/28/2021   7:12 PM         1 file0.txt
-a-----         4/28/2021   7:12 PM         1 file1.txt
-a-----         4/28/2021   7:12 PM         1 file2.txt
-a-----         4/28/2021   7:12 PM         1 file3.txt
-a-----         4/28/2021   7:12 PM         1 file4.txt
-a-----         4/10/2021  11:47 AM    2341 Microsoft Teams.lnk
-a-----          8/1/2020  10:35 PM         0 New Adobe Photoshop Image.20.psd
-a-----          9/29/2020   9:57 AM   268914 Screenshot (27).png
-a-----         4/23/2021   7:22 PM    1639 VALORANT.lnk
-a-----        10/15/2020   3:26 PM    1391 Visual Studio Code.lnk
-a-----        10/17/2019   9:34 PM     719 Windows 10 Update Assistant.lnk
-a-----          8/1/2020   5:14 PM    1922 Zoom.lnk

PS C:\Users\HP\desktop>
```