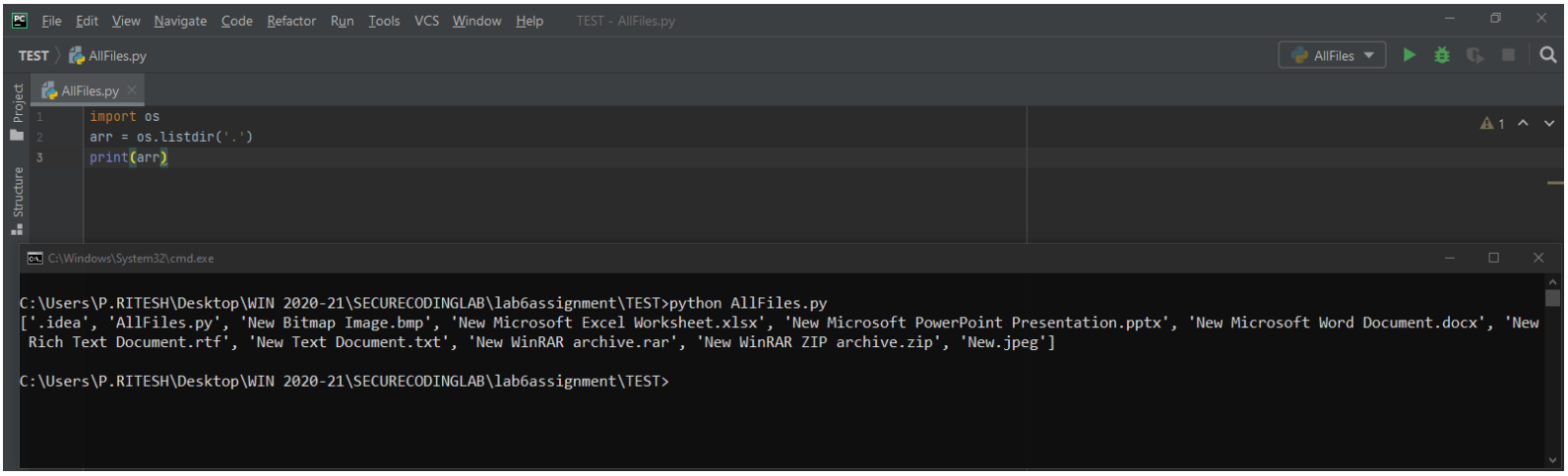
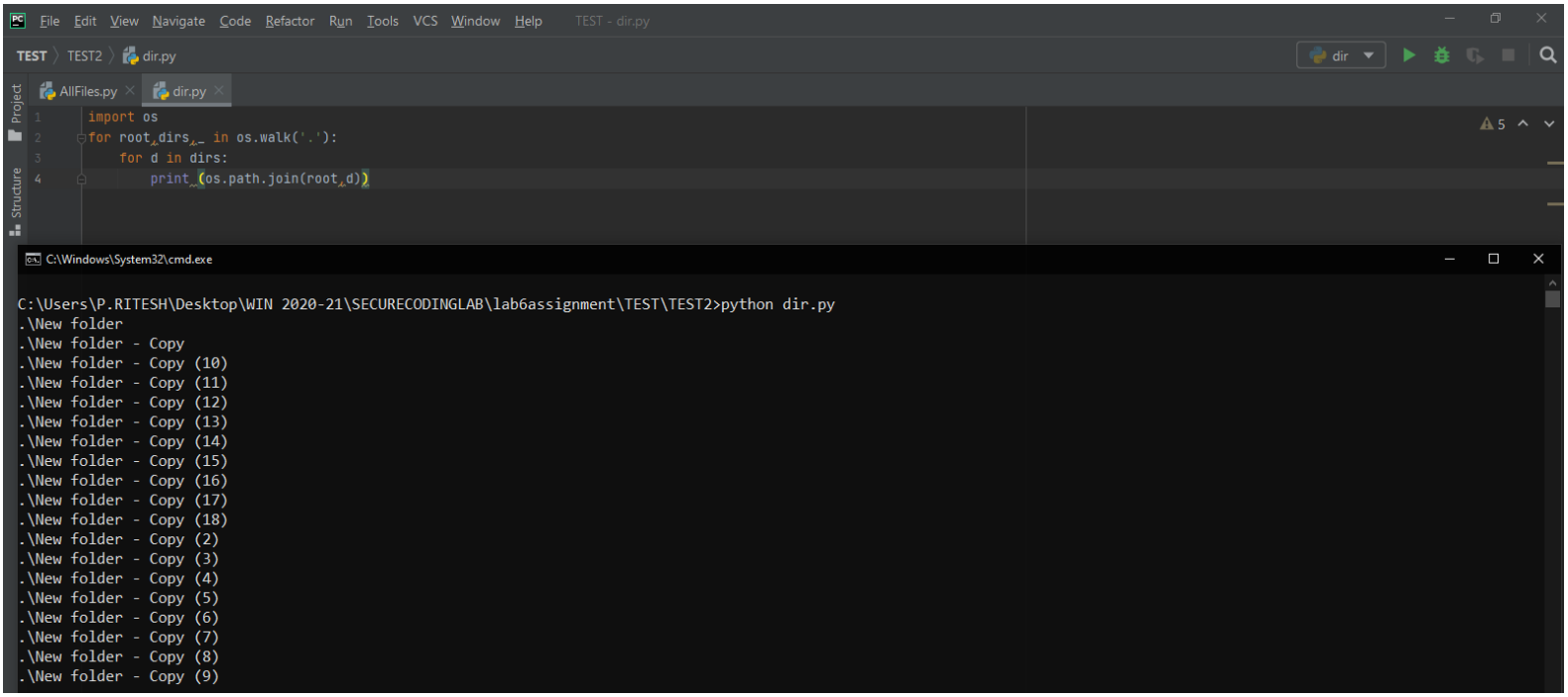
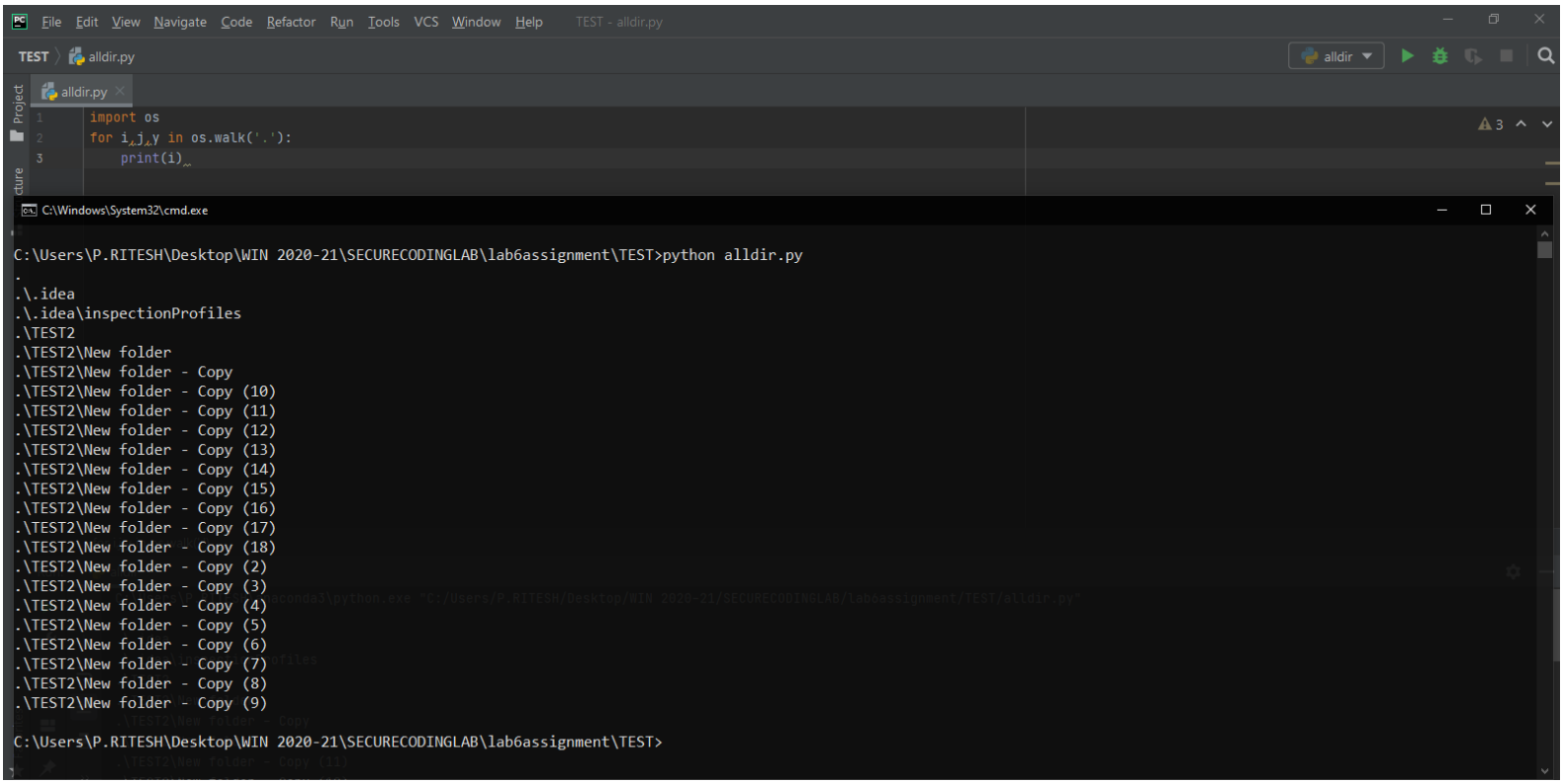
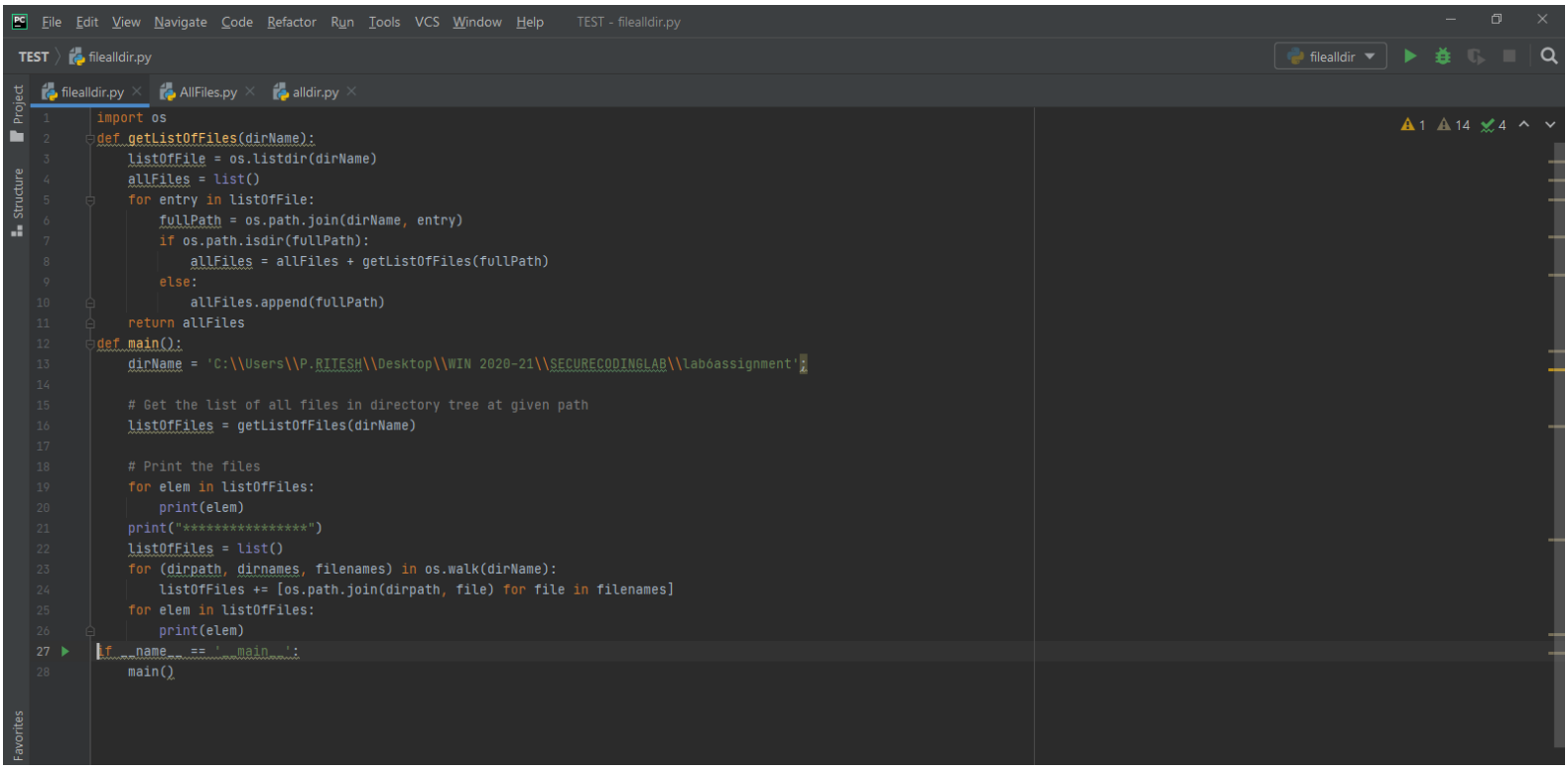
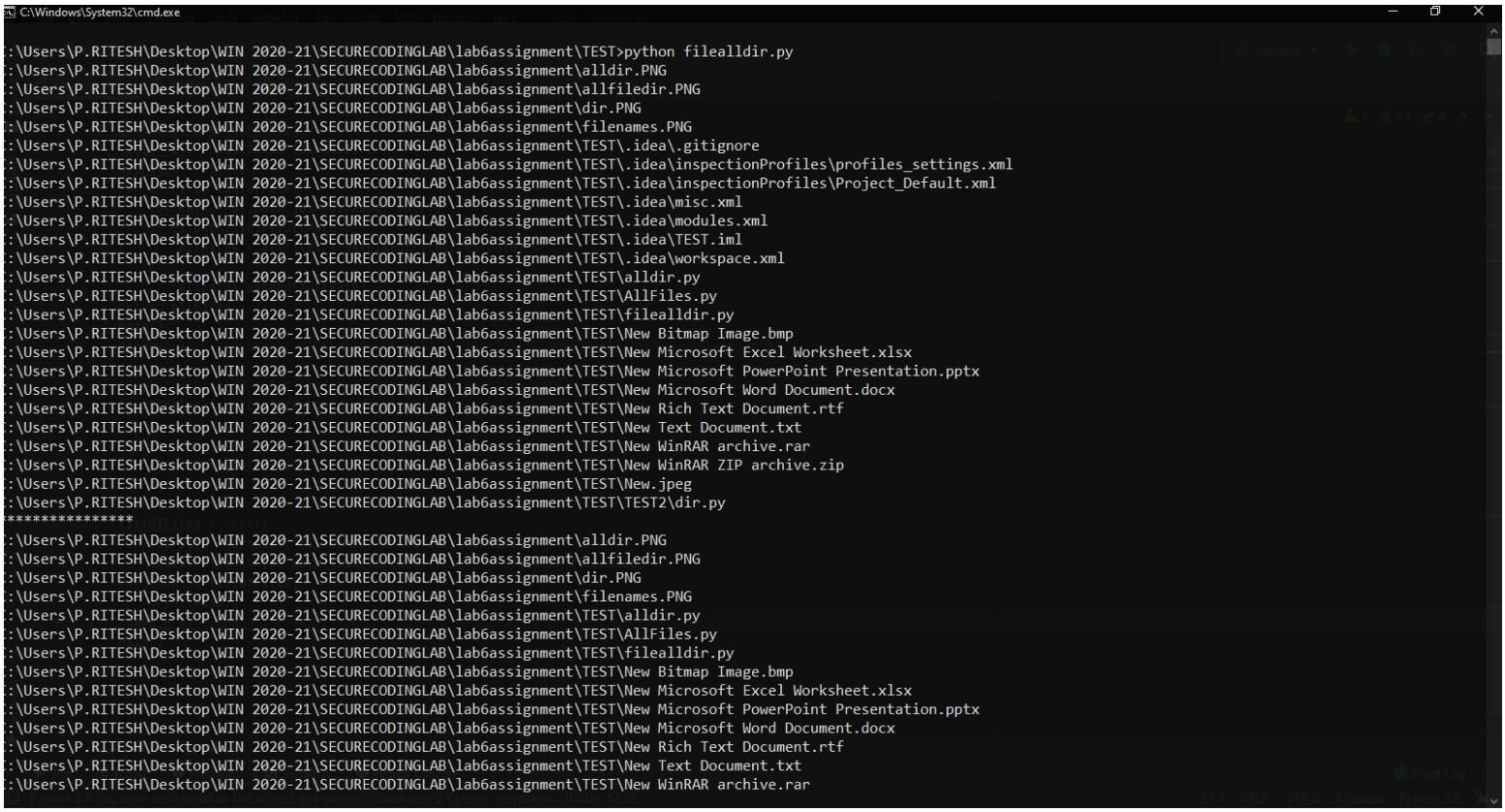
LAB 6 - (L-23-24)
19BCE7464

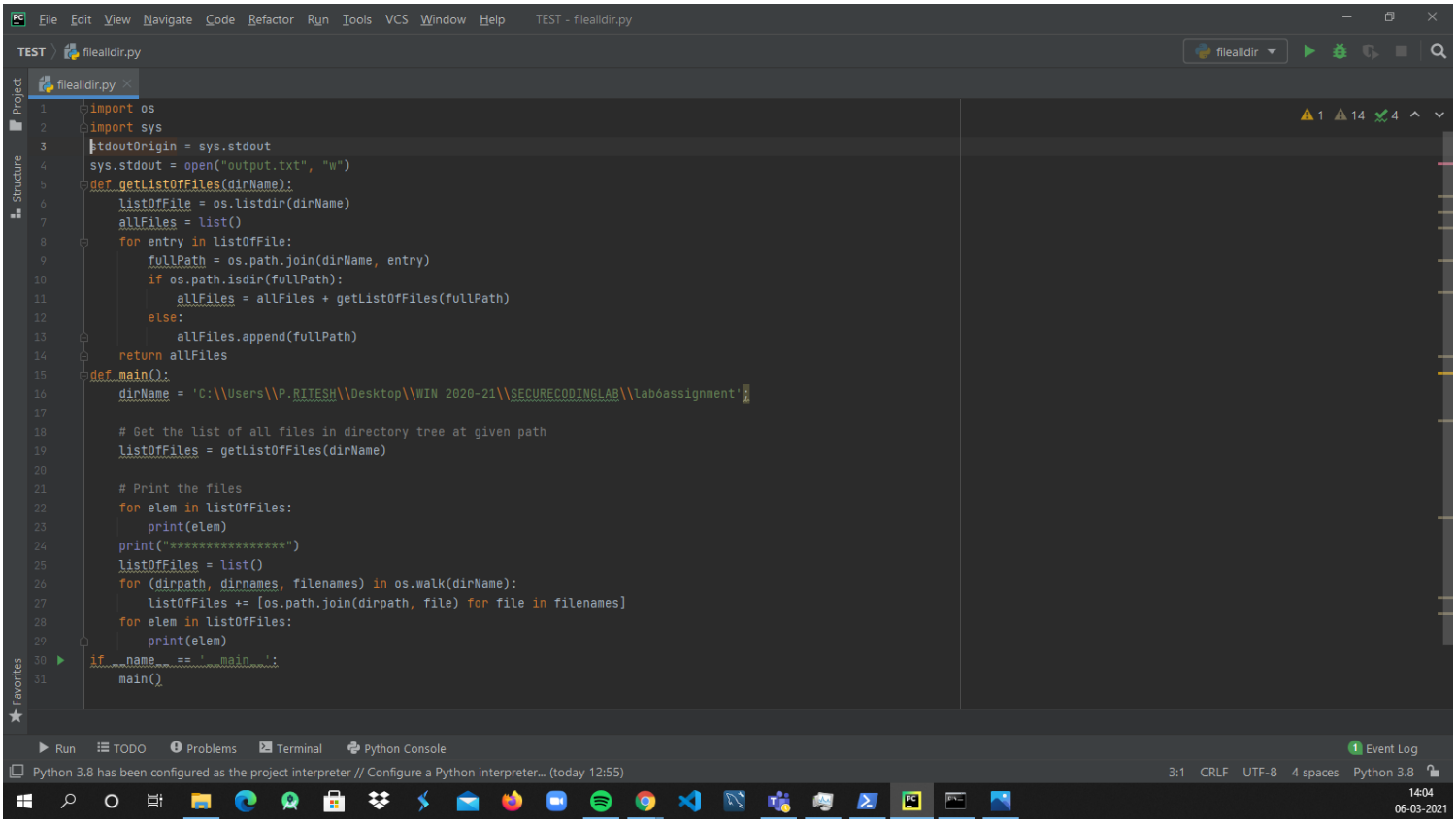


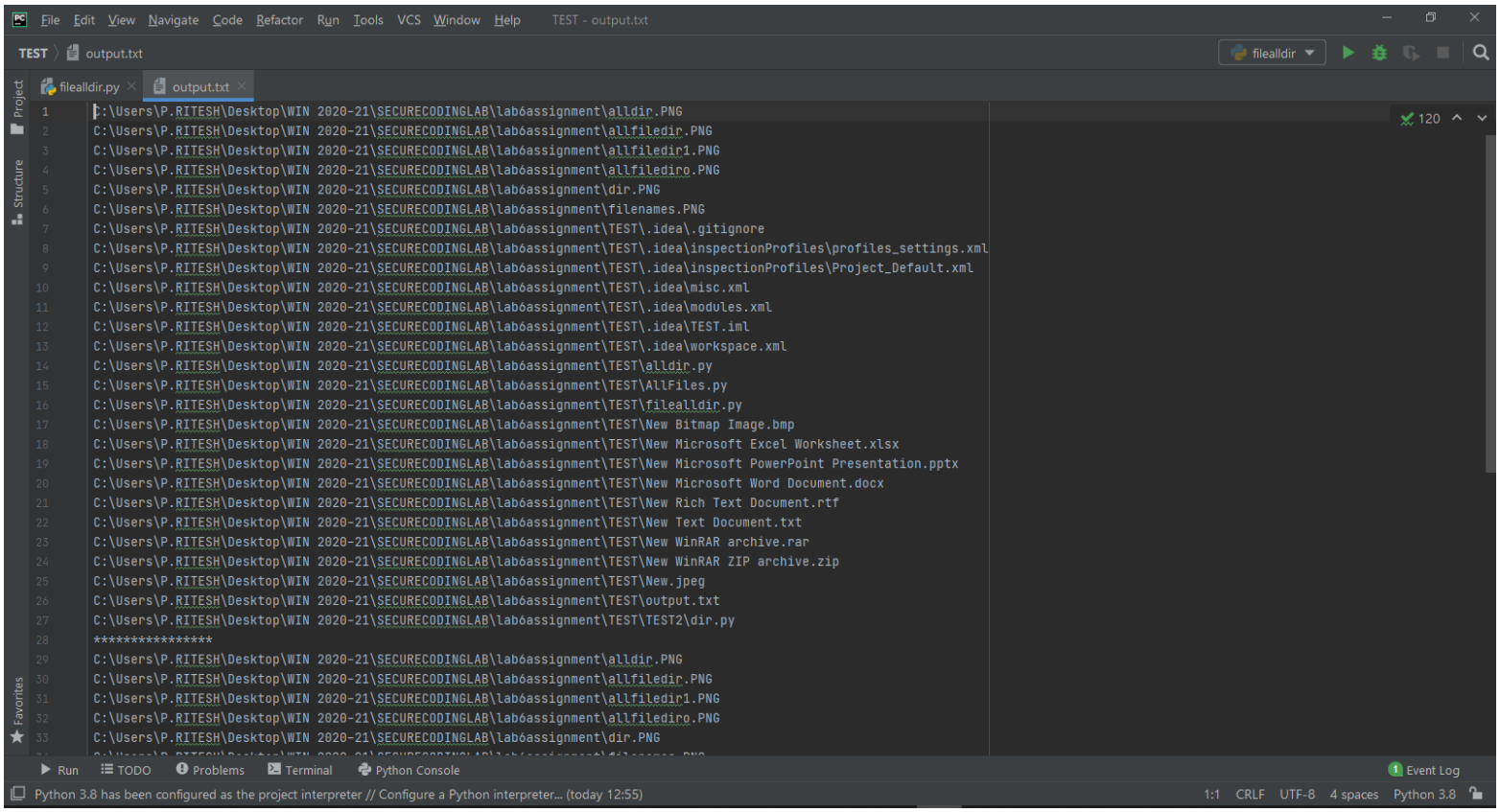



File Edit View Navigate Code Refactor Run Tools VCS Window Help
TEST - alldir.py
TEST
alldir.py
alldir
alldir.py
1 import os
2 for i,j,y in os.walk('.'):
3 print(i)
C:\Windows\System32\cmd.exe
C:\Users\P.RITESH\Desktop\WIN 2020-21\SECURECODINGLAB\lab6assignment\TEST>python alldir.py
.
.\.idea
.\.idea\inspectionProfiles
.\TEST2
.\TEST2\New folder
.\TEST2\New folder - Copy
.\TEST2\New folder - Copy (10)
.\TEST2\New folder - Copy (11)
.\TEST2\New folder - Copy (12)
.\TEST2\New folder - Copy (13)
.\TEST2\New folder - Copy (14)
.\TEST2\New folder - Copy (15)
.\TEST2\New folder - Copy (16)
.\TEST2\New folder - Copy (17)
.\TEST2\New folder - Copy (18)
.\TEST2\New folder - Copy (2)
.\TEST2\New folder - Copy (3)
.\TEST2\New folder - Copy (4)
.\TEST2\New folder - Copy (5)
.\TEST2\New folder - Copy (6)
.\TEST2\New folder - Copy (7)
.\TEST2\New folder - Copy (8)
.\TEST2\New folder - Copy (9)
C:\Users\P.RITESH\Desktop\WIN 2020-21\SECURECODINGLAB\lab6assignment\TEST>

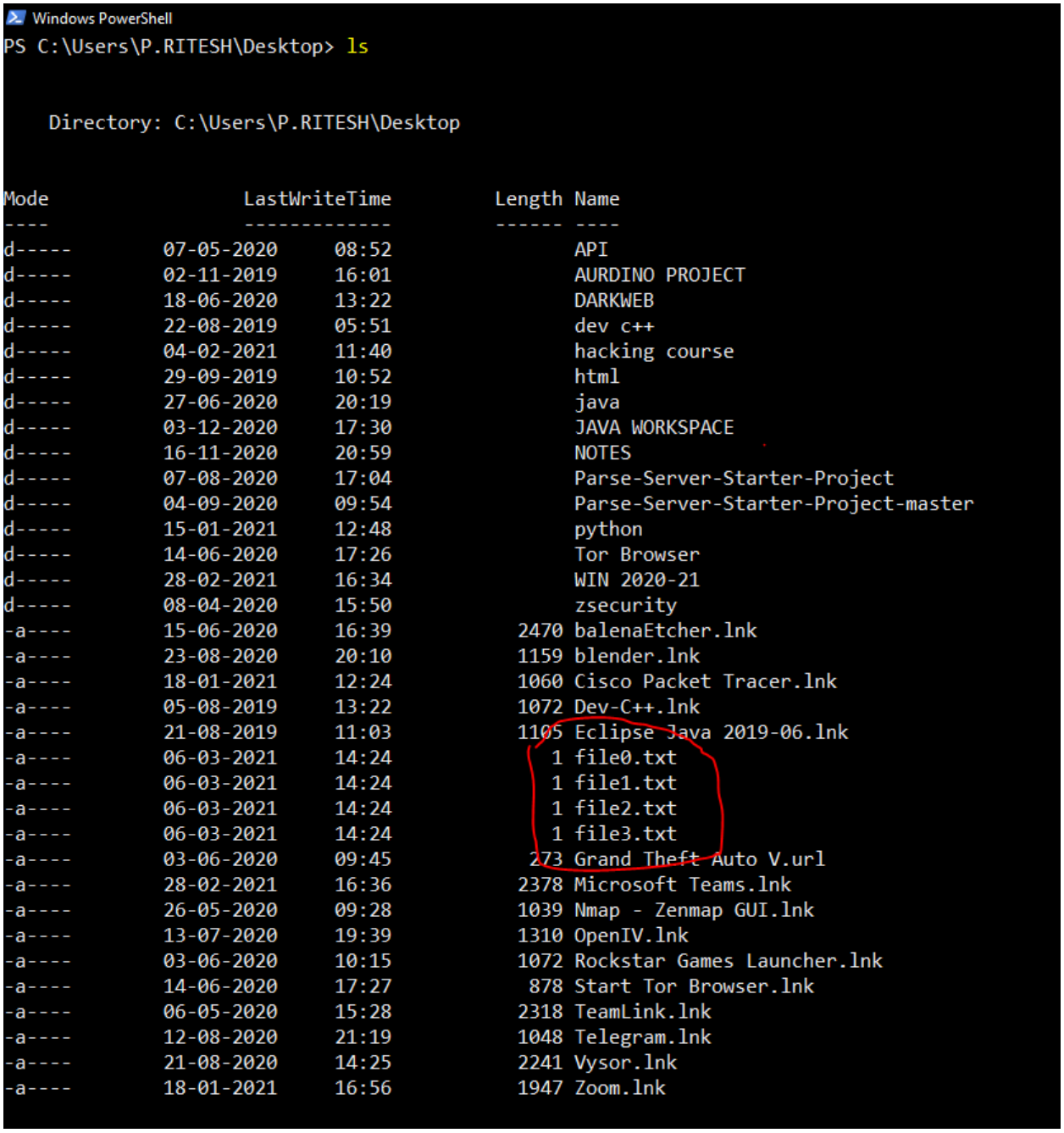

File Edit View Navigate Code Refactor Run Tools VCS Window Help
TEST - filealldir.py
TEST
filealldir.py
filealldir
filealldir.py
AllFiles.py
alldir.py
1 import os
2 def getListOfFiles(dirName):
3 listOfFile = os.listdir(dirName)
4 allFiles = list()
5 for entry in listOfFile:
6 fullPath = os.path.join(dirName, entry)
7 if os.path.isdir(fullPath):
8 allFiles = allFiles + getListOfFiles(fullPath)
9 else:
10 allFiles.append(fullPath)
11 return allFiles
12 def main():
13 dirName = 'C:\\Users\\P.RITESH\\Desktop\\WIN 2020-21\\SECURECODINGLAB\\lab6assignment';
14
15 # Get the list of all files in directory tree at given path
16 listOfFiles = getListOfFiles(dirName)
17
18 # Print the files
19 for elem in listOfFiles:
20 print(elem)
21 print("****************")
22 listOfFiles = list()
23 for (dirpath, dirnames, filenames) in os.walk(dirName):
24 listOfFiles += [os.path.join(dirpath, file) for file in filenames]
25 for elem in listOfFiles:
26 print(elem)
27 if __name__ == '__main__':
28 main()


C:\Windows\System32\cmd.exe
:\Users\P.RITESH\Desktop\WIN 2020-21\SECURECODINGLAB\lab6assignment\TEST>python filealldir.py
:\Users\P.RITESH\Desktop\WIN 2020-21\SECURECODINGLAB\lab6assignment\alldir.PNG
:\Users\P.RITESH\Desktop\WIN 2020-21\SECURECODINGLAB\lab6assignment\allfiledir.PNG
:\Users\P.RITESH\Desktop\WIN 2020-21\SECURECODINGLAB\lab6assignment\dir.PNG
:\Users\P.RITESH\Desktop\WIN 2020-21\SECURECODINGLAB\lab6assignment\filenames.PNG
:\Users\P.RITESH\Desktop\WIN 2020-21\SECURECODINGLAB\lab6assignment\TEST\.idea\.gitignore
:\Users\P.RITESH\Desktop\WIN 2020-21\SECURECODINGLAB\lab6assignment\TEST\.idea\inspectionProfiles\profiles_settings.xml
:\Users\P.RITESH\Desktop\WIN 2020-21\SECURECODINGLAB\lab6assignment\TEST\.idea\inspectionProfiles\Project_Default.xml
:\Users\P.RITESH\Desktop\WIN 2020-21\SECURECODINGLAB\lab6assignment\TEST\.idea\misc.xml
:\Users\P.RITESH\Desktop\WIN 2020-21\SECURECODINGLAB\lab6assignment\TEST\.idea\modules.xml
:\Users\P.RITESH\Desktop\WIN 2020-21\SECURECODINGLAB\lab6assignment\TEST\.idea\TEST.iml
:\Users\P.RITESH\Desktop\WIN 2020-21\SECURECODINGLAB\lab6assignment\TEST\.idea\workspace.xml
:\Users\P.RITESH\Desktop\WIN 2020-21\SECURECODINGLAB\lab6assignment\TEST\alldir.py
:\Users\P.RITESH\Desktop\WIN 2020-21\SECURECODINGLAB\lab6assignment\TEST\AllFiles.py
:\Users\P.RITESH\Desktop\WIN 2020-21\SECURECODINGLAB\lab6assignment\TEST\filealldir.py
:\Users\P.RITESH\Desktop\WIN 2020-21\SECURECODINGLAB\lab6assignment\TEST\New Bitmap Image.bmp
:\Users\P.RITESH\Desktop\WIN 2020-21\SECURECODINGLAB\lab6assignment\TEST\New Microsoft Excel Worksheet.xlsx
:\Users\P.RITESH\Desktop\WIN 2020-21\SECURECODINGLAB\lab6assignment\TEST\New Microsoft PowerPoint Presentation.pptx
:\Users\P.RITESH\Desktop\WIN 2020-21\SECURECODINGLAB\lab6assignment\TEST\New Microsoft Word Document.docx
:\Users\P.RITESH\Desktop\WIN 2020-21\SECURECODINGLAB\lab6assignment\TEST\New Rich Text Document.rtf
:\Users\P.RITESH\Desktop\WIN 2020-21\SECURECODINGLAB\lab6assignment\TEST\New Text Document.txt
:\Users\P.RITESH\Desktop\WIN 2020-21\SECURECODINGLAB\lab6assignment\TEST\New WinRAR archive.rar
:\Users\P.RITESH\Desktop\WIN 2020-21\SECURECODINGLAB\lab6assignment\TEST\New WinRAR ZIP archive.zip
:\Users\P.RITESH\Desktop\WIN 2020-21\SECURECODINGLAB\lab6assignment\TEST\New.jpeg
:\Users\P.RITESH\Desktop\WIN 2020-21\SECURECODINGLAB\lab6assignment\TEST\TEST2\dir.py
****
:\Users\P.RITESH\Desktop\WIN 2020-21\SECURECODINGLAB\lab6assignment\alldir.PNG
:\Users\P.RITESH\Desktop\WIN 2020-21\SECURECODINGLAB\lab6assignment\allfiledir.PNG
:\Users\P.RITESH\Desktop\WIN 2020-21\SECURECODINGLAB\lab6assignment\dir.PNG
:\Users\P.RITESH\Desktop\WIN 2020-21\SECURECODINGLAB\lab6assignment\filenames.PNG
:\Users\P.RITESH\Desktop\WIN 2020-21\SECURECODINGLAB\lab6assignment\TEST\alldir.py
:\Users\P.RITESH\Desktop\WIN 2020-21\SECURECODINGLAB\lab6assignment\TEST\AllFiles.py
:\Users\P.RITESH\Desktop\WIN 2020-21\SECURECODINGLAB\lab6assignment\TEST\filealldir.py
:\Users\P.RITESH\Desktop\WIN 2020-21\SECURECODINGLAB\lab6assignment\TEST\New Bitmap Image.bmp
:\Users\P.RITESH\Desktop\WIN 2020-21\SECURECODINGLAB\lab6assignment\TEST\New Microsoft Excel Worksheet.xlsx
:\Users\P.RITESH\Desktop\WIN 2020-21\SECURECODINGLAB\lab6assignment\TEST\New Microsoft PowerPoint Presentation.pptx
:\Users\P.RITESH\Desktop\WIN 2020-21\SECURECODINGLAB\lab6assignment\TEST\New Microsoft Word Document.docx
:\Users\P.RITESH\Desktop\WIN 2020-21\SECURECODINGLAB\lab6assignment\TEST\New Rich Text Document.rtf
:\Users\P.RITESH\Desktop\WIN 2020-21\SECURECODINGLAB\lab6assignment\TEST\New Text Document.txt
:\Users\P.RITESH\Desktop\WIN 2020-21\SECURECODINGLAB\lab6assignment\TEST\New WinRAR archive.rar


File Edit View Navigate Code Refactor Run Tools VCS Window Help
TEST - filealldir.py
TEST
filealldir.py
filealldir
Project
Structure
Favorites
import os
import sys
stdoutOrigin = sys.stdout
sys.stdout = open("output.txt", "w")
def getListOfFiles(dirName):
listOfFile = os.listdir(dirName)
allFiles = list()
for entry in listOfFile:
fullPath = os.path.join(dirName, entry)
if os.path.isdir(fullPath):
allFiles = allFiles + getListOfFiles(fullPath)
else:
allFiles.append(fullPath)
return allFiles
def main():
dirName = 'C:\\Users\\P.RITESH\\Desktop\\WIN 2020-21\\SECURECODINGLAB\\lab6assignment';
# Get the list of all files in directory tree at given path
listOfFiles = getListOfFiles(dirName)
# Print the files
for elem in listOfFiles:
print(elem)
print("**********")
listOfFiles = list()
for (dirpath, dirnames, filenames) in os.walk(dirName):
listOfFiles += [os.path.join(dirpath, file) for file in filenames]
for elem in listOfFiles:
print(elem)
if __name__ == '__main__':
main()
Run
TODO
Problems
Terminal
Python Console
Event Log
Python 3.8 has been configured as the project interpreter // Configure a Python interpreter... (today 12:55)
3:1
CRLF
UTF-8
4 spaces
Python 3.8
14:04
06-03-2021




```
Windows PowerShell
PS C:\Users\P.RITESH\Desktop> python
Python 3.7.4 (tags/v3.7.4:e09359112e, Jul  8 2019, 20:34:20) [MSC v.1916 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license" for more information.
>>> list1 = ['a', 'b', 'c','d']
>>>
>>> for i in range(len(list1)):
...     open('file%s.txt' % i, 'w').write(list1[i])
...
1
1
1
1
```


Windows PowerShell
PS C:\Users\P.RITESH\Desktop> ls
Directory: C:\Users\P.RITESH\Desktop
Mode LastWriteTime Length Name
d----- 07-05-2020 08:52 API
d----- 02-11-2019 16:01 AURDINO PROJECT
d----- 18-06-2020 13:22 DARKWEB
d----- 22-08-2019 05:51 dev c++
d----- 04-02-2021 11:40 hacking course
d----- 29-09-2019 10:52 html
d----- 27-06-2020 20:19 java
d----- 03-12-2020 17:30 JAVA WORKSPACE
d----- 16-11-2020 20:59 NOTES
d----- 07-08-2020 17:04 Parse-Server-Starter-Project
d----- 04-09-2020 09:54 Parse-Server-Starter-Project-master
d----- 15-01-2021 12:48 python
d----- 14-06-2020 17:26 Tor Browser
d----- 28-02-2021 16:34 WIN 2020-21
d----- 08-04-2020 15:50 zsecurity
-a---- 15-06-2020 16:39 2470 balenaEtcher.lnk
-a---- 23-08-2020 20:10 1159 blender.lnk
-a---- 18-01-2021 12:24 1060 Cisco Packet Tracer.lnk
-a---- 05-08-2019 13:22 1072 Dev-C++.lnk
-a---- 21-08-2019 11:03 1105 Eclipse Java 2019-06.lnk
-a---- 06-03-2021 14:24 1 file0.txt
-a---- 06-03-2021 14:24 1 file1.txt
-a---- 06-03-2021 14:24 1 file2.txt
-a---- 06-03-2021 14:24 1 file3.txt
-a---- 03-06-2020 09:45 273 Grand Theft Auto V.url
-a---- 28-02-2021 16:36 2378 Microsoft Teams.lnk
-a---- 26-05-2020 09:28 1039 Nmap - Zenmap GUI.lnk
-a---- 13-07-2020 19:39 1310 OpenIV.lnk
-a---- 03-06-2020 10:15 1072 Rockstar Games Launcher.lnk
-a---- 14-06-2020 17:27 878 Start Tor Browser.lnk
-a---- 06-05-2020 15:28 2318 TeamLink.lnk
-a---- 12-08-2020 21:19 1048 Telegram.lnk
-a---- 21-08-2020 14:25 2241 Vysor.lnk
-a---- 18-01-2021 16:56 1947 Zoom.lnk