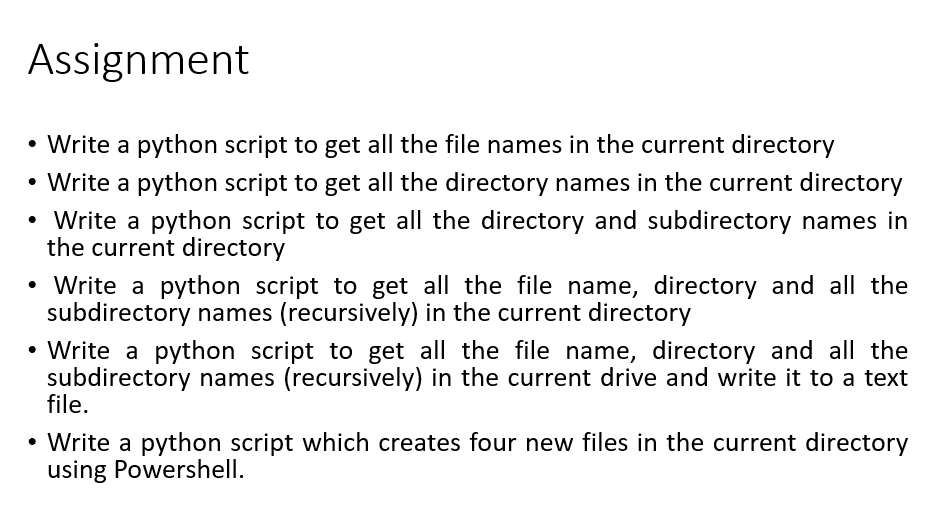
**SECURE CODING (CSE 2010)**

**SLOT –L23+L24**

**LAB 6**

**NAME-** KOTI VEERA PRABHU SAI GANESH MAJETI

**REG NO.-**19BCN7073

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**Question 1 code:**

**import glob**

**path = 'C:\\Users\\Lenovo\\Downloads'**

**files = [f for f in glob.glob(path + "\*\*/\*.\*", recursive=True)]**

**for f in files:**

**print(f)**

**Output:**

****

**Question 2 code:**

import os

path = 'C:\\Users\\Lenovo\\Desktop'

folders=[]

os.listdir(path)

for root, dirnames, filenames in os.walk(path):

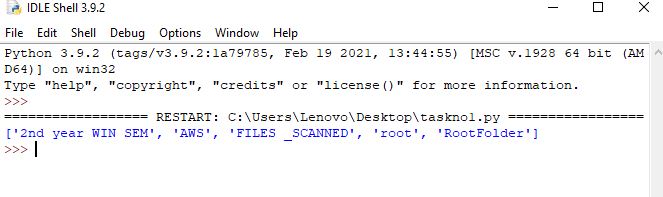
folders.append(dirnames)

break

for dirnames in folders:

print(dirnames)

**Output:**

****

**QUESTION 3 code:**

import os

path = 'C:\\Users\\Lenovo\\Desktop'

folders = []

# r=root, d=directories, f = files

for r, d, f in os.walk(path):

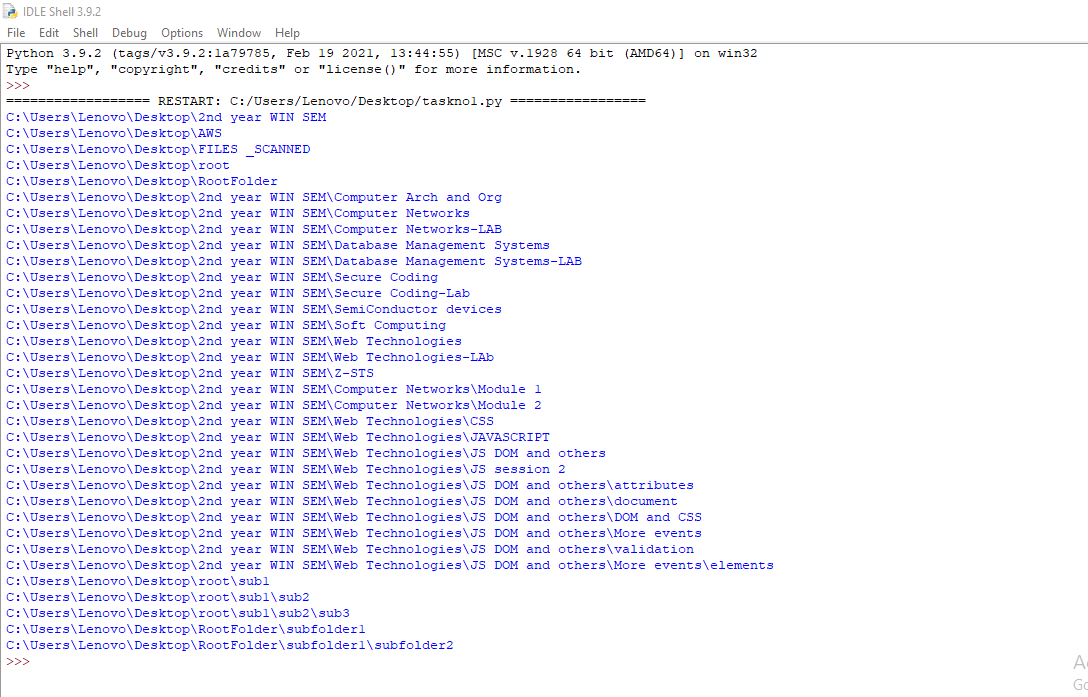
for folder in d:

folders.append(os.path.join(r, folder))

for f in folders:

print(f)

**OUTPUT:**

****

**Question 4 code:**

import os

import glob

path = 'c:\\Users\\Lenovo\\Documents'

print(" Displaying All the files : \n")

files = [f for f in glob.glob(path + "\*\*/\*.\*", recursive=True)]

for f in files:

print(f)

print("\n Displaying All the directories and sub directories : \n")

folders = []

for root, dirnames, f in os.walk(path):

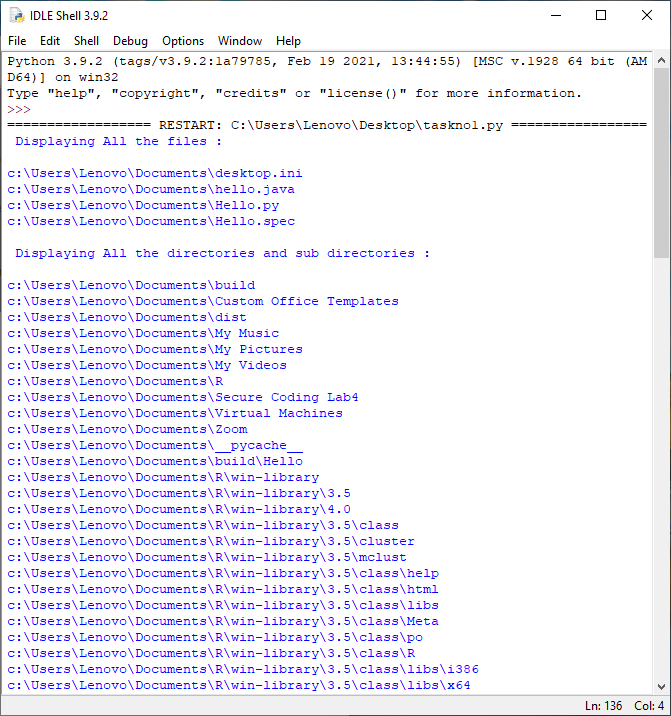
for folder in dirnames:

folders.append(os.path.join(root,folder))

for f in folders:

print(f)

**OUTPUT:**

****

**Question 5 code:**

import os

import glob

path = 'c:'

fw = open("CurrentDrive.txt", "w")

fw.write("All the files : \n")

files = [f for f in glob.glob(path + "\*\*/\*.\*", recursive=True)]

for f in files:

fw.write(f+"\n")

fw.write("\nAll the directories and sub directories : \n")

folders = []

for root, dirnames, f in os.walk(path):

for folder in dirnames:

folders.append(os.path.join(root,folder))

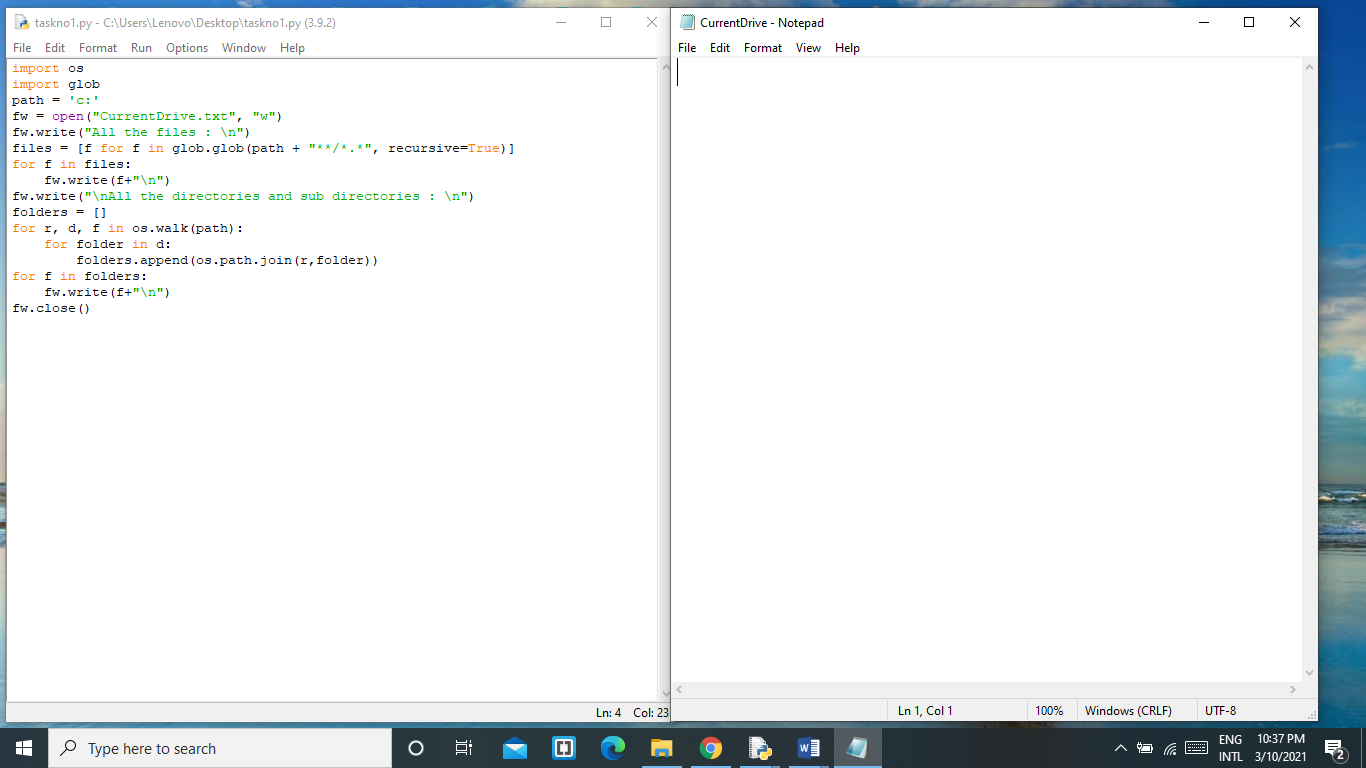
for f in folders:

fw.write(f+"\n")

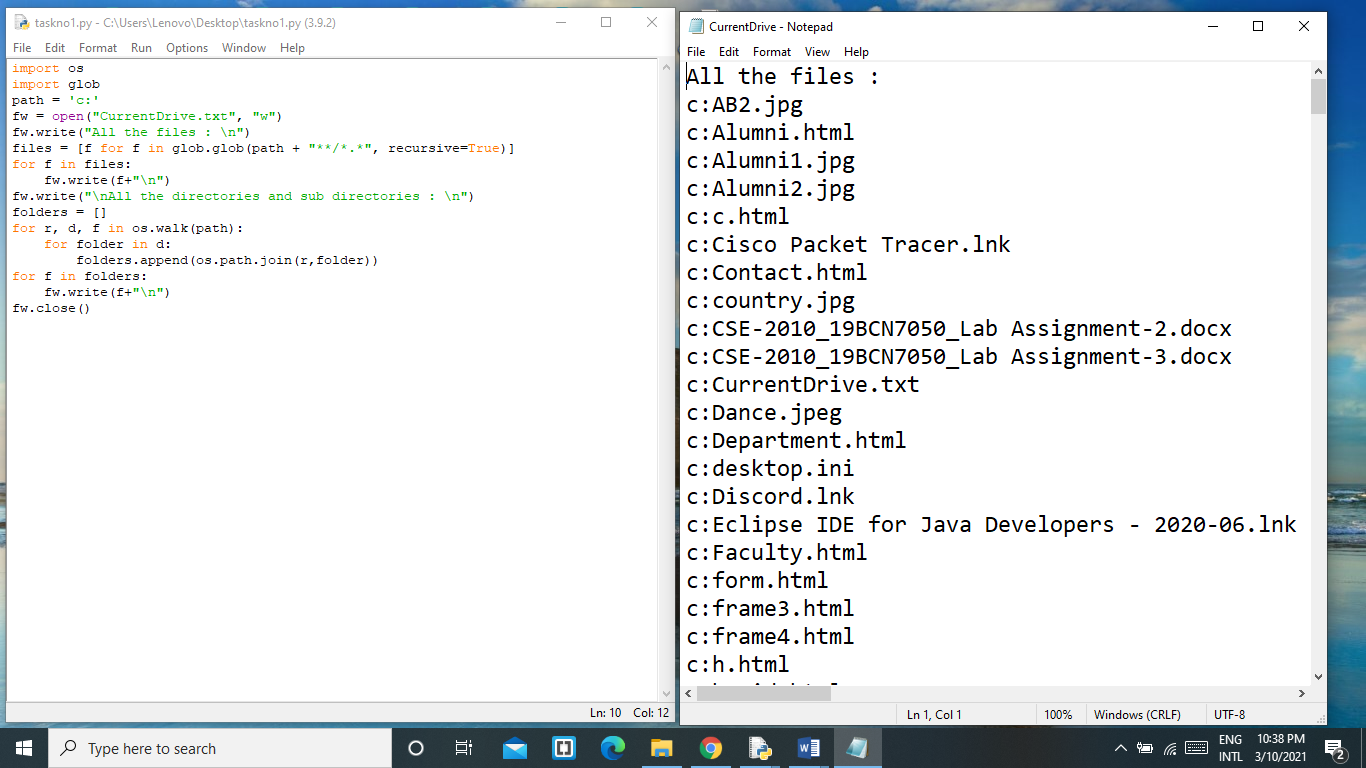
fw.close()

**Output:**

**Before Execution:**

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**After execution:**

****

**Question 6:**

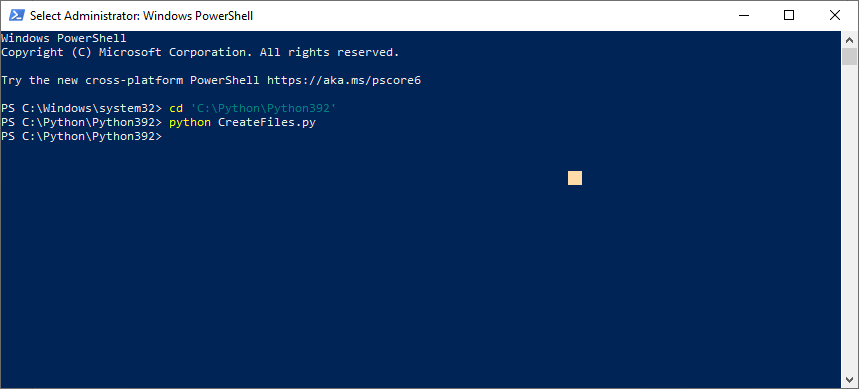
**Python code:**

list1 = ['a', 'b', 'c','d']

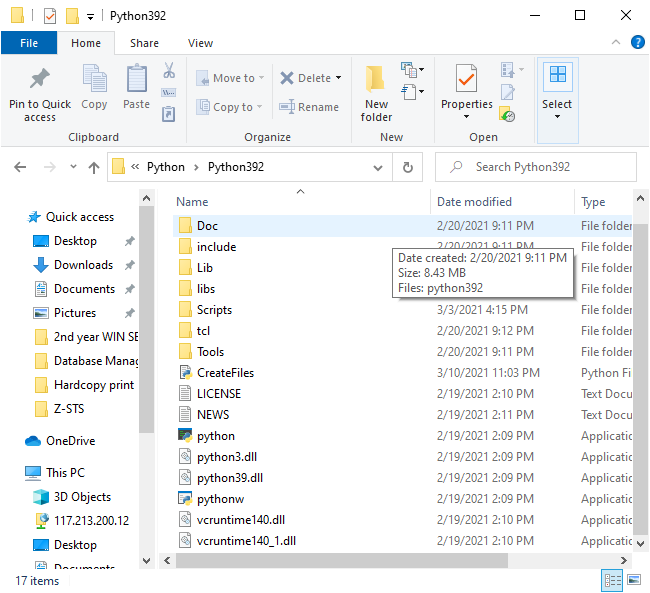
for i in range(len(list1)):

open('file%s.txt' % i, 'w').write(list1[i])

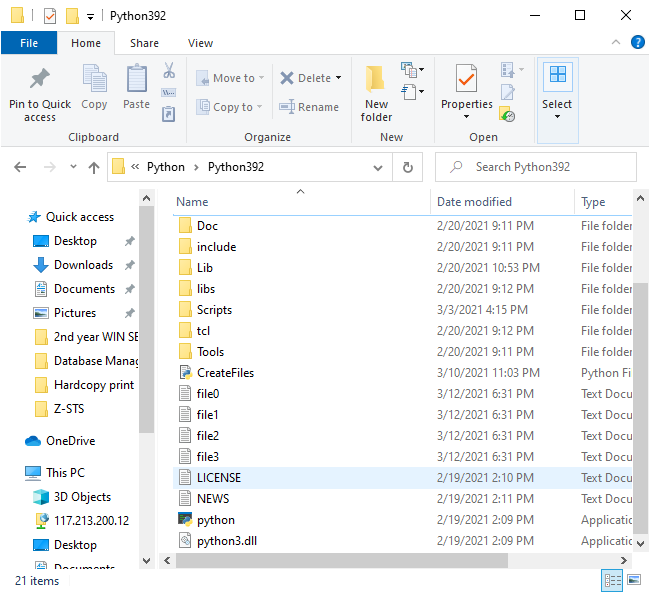
**Powershell execution:**

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**Output Before Execution:**

****

**Output After Execution:**

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