Name:- Naipunya Vinod Naik

USN:- 4AL18CS050

Group-6

Topic: **Design and implement python code for backing up a folder into a zip file**.

**Code**:- **In this only a single word file is getting zipped.**

creating file to zip file :

import zipfile

zip\_file = zipfile.ZipFile('the.zip','w')

zip\_file.write('the.txt', compress\_type=zipfile.ZIP\_DEFLATED)

zip\_file.close()

from zipfile import ZipFile

import os

def get\_all\_file\_paths(directory):

file\_paths = []

for root, directories, files in os.walk(directory):

for filename in files:

filepath = os.path.join(root, filename)

file\_paths.append(filepath)

return file\_paths

def main():

directory = './myfolder'

file\_paths = get\_all\_file\_paths(directory)

print('Following files will be zipped in this program:')

for file\_name in file\_paths:

print(file\_name)

with ZipFile('myzipfile.zip','w') as zip:

# writing each file one by one

for file in file\_paths:

zip.write(file)

print('All files zipped successfully!')

if \_\_name\_\_ == "\_\_main\_\_":

main()

showing all paths in that file:

import zipfile

zip\_file = zipfile.ZipFile('the.zip','w')

zip\_file.write('the.txt', compress\_type=zipfile.ZIP\_DEFLATED)

zip\_file.close()

from zipfile import ZipFile

import os

def get\_all\_file\_paths(directory):

file\_paths = []

for root, directories, files in os.walk(directory):

for filename in files:

filepath = os.path.join(root, filename)

file\_paths.append(filepath)

return file\_paths

def main():

directory = './myfolder'

file\_paths = get\_all\_file\_paths(directory)

print('Following files will be zipped in this program:')

for file\_name in file\_paths:

print(file\_name)

with ZipFile('myzipfile.zip','w') as zip:

for file in file\_paths:

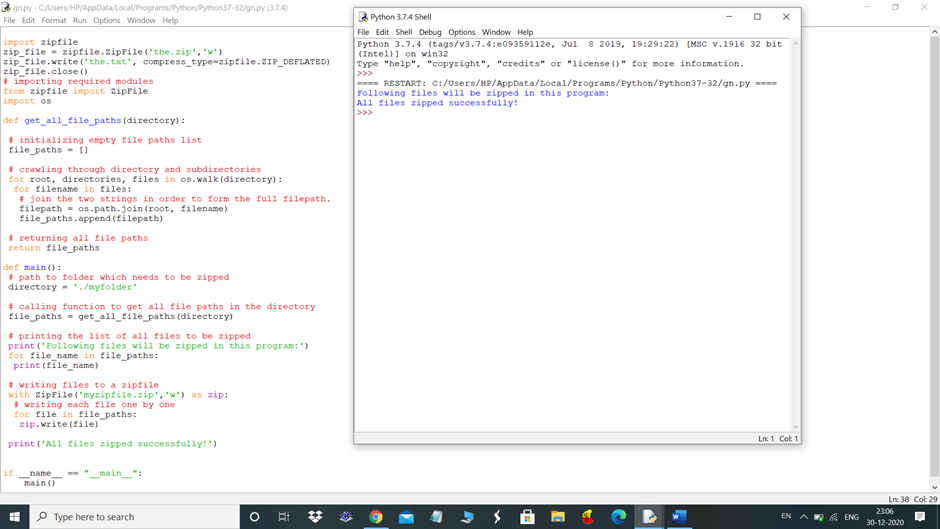
zip.write(file)

print('All files zipped successfully!')

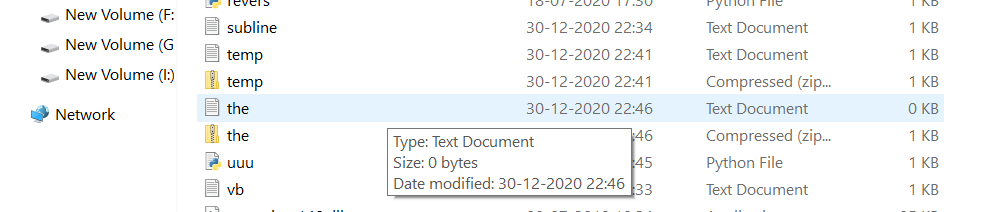
if \_\_name\_\_ == "\_\_main\_\_":

main()

Output:



the .zip(the.txt created to zip)



Showing all Paths in python folder:

