Subject Code: BPLCK105B/205B

Subject : Introduction to Python Programming

Exercise-07

Develop a program to backing Up a given Folder (Folder in a current working directory) into a ZIP File by using relevant modules and suitable methods

PROGRAM

```
'''

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07BackFolderZip.py

 Develop a program to backing Up a given Folder (Folder in a current
working

directory) into a ZIP

File by using relevant modules and suitable methods.

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'''

import os

import sys

import pathlib

import zipfile
```

```
dirName = input("Enter Directory name that you want to backup : ")

if not os.path.isdir(dirName):

    print("Directory", dirName, "doesn't exists")

    sys.exit(0)

curDirectory = pathlib.Path(dirName)

with zipfile.ZipFile("myZip.zip", mode="w") as archive:

    for file_path in curDirectory.rglob("*"):

        archive.write(file_path, arcname=file_path.relative_to(curDirectory))

if os.path.isfile("myZip.zip"):

    print("Archive", "myZip.zip", "created successfully")

else:

    print("Error in creating zip archive")
```

OUTPUT

```
"C:\Users\aryah\PycharmProjects\Python 2nd Semester\venv\Scripts\python.exe"
Enter Directory name that you want to backup : Demo
Archive myZip.zip created successfully


Process finished with exit code 0
```

Procedure

1.Create a Simple Folder in your Directory

Folder name: demo