1. How do you distinguish between shutil.copy() and shutil.copytree()?

* shutil.copy() -> copies single file from source to destination folder.
* shutil.copytree() -> copies entire folder from source to destination

2. What function is used to rename files??

* shutil.move() -> used to rename files

3. What is the difference between the delete functions in the send2trash and shutil modules?

* Delete function will delete content permanently whereas send2trash moves the data to trash folder.

4.ZipFile objects have a close() method just like File objects’ close() method. What ZipFile method is equivalent to File objects’ open() method?

* zipFile() is equivalent to open() method

5. Create a programme that searches a folder tree for files with a certain file extension (such as .pdf or .jpg). Copy these files from whatever location they are in to a new folder.

import pathlib

def files\_copy(src, ext, dest):

pathlib.Path(dest).mkdir(parents=True, exist\_ok=True)

files = list(os.listdir(src))

for file in files:

if os.path.isdir(file):

folder = file

files\_copy(src + os.path.sep + folder, ext, dest + os.path.sep + folder)

filename, extension = os.path.splitext(file)

if extension == ext:

shutil.copy(src + os.path.sep + file, dest + os.path.sep + file)