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

* The shutil.copy() function will copy a single file, while shutil.copytree() will copy an entire folder, along with all its contents.

2. What function is used to rename files??

* The shutil.move() function is used for renaming files, as well as moving them

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

* The send2trash functions will move a file or folder to the recycle bin, while shutil functions will permanently delete files and folders.

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

* The zipfile.ZipFile() function is equivalent to the open() function; the first argument is the filename, and the second argument is the mode to open the ZIP file in read, write, or append.

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 os

Import shutil

Sourcepath = input(‘enter the source path’)

Destinationpath = input(‘enter the destination path’)

Filetype = input(‘enter file type’)

for foldernames, subfolders,filenames in os.walk(Sourcepath):

for filename in filenames:

if filename.lower().endswith(Filetype):

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

shutil.copy(filepath, Destinationpath)

else:

continue