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

Answer .shutil.copy() will help us to copy a single file whereas shutil.copytree() will copy the the entire folder and all files containing in that folder

2. What function is used to rename files??

Answer. os.rename() is used to rename file or directory

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

Answer. send2trash function will move a file or folder to the recycle bin, while shutil function 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?

Answer. ZipFile() function is the same as the open() function; the first argument is the filename,second argument is the mode to open the zip file in (read, write, or append) just like open() in file

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, shutil

source=input("copy the source of the file")

extension=input("enter the extension eg .docx")

destination=input("copy the destination of the file")

for foldername,subfolders,filenames in os.walk(source):

for filename in filenames:

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

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

shutil.copy(copySourcePath, destination)

else:

continue