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

Shutil.copy(source,destination) will copy file at the path source to the folder at the path destination.

shutil.copytree(source, destination) will copy the folder at the path source, along with all of its files and subfolders, to the folder at the path destination.n

1. What function is used to rename files??

os.rename(real,dest)

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

Using send2trash is much safer than Python’s regular delete functions, because it will send folders and files to your computer’s trash or recycle bin instead of permanently deleting them.

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

Zipfile.ZipFile('test.zip', 'w')

1. 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 into a new folder.

import os

from os import path

import shutil

def main():

dir1 = "C:\\aLearning\\"

dir2 = "C:\\aLearning\\Copy\\"

for root, dirs, files in os.walk(dir1, topdown=True):

for name in files:

if name.endswith(".pdf") or name.endswith(".jpg") or name.endswith(".tiff"):

shutil.copy(os.path.join(root, name), os.path.join(dir2, name))

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

main()