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

Ans. The main difference is that shutil.copy() will copy a single file, while shutil.copytree() will copy an entire directory and all its contents.

1. What function is used to rename files??

Ans. The function to rename files in python is os.rename().

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

Ans. The delete function in the send2trash module will send a file to the trash instead of permanently deleting it. The delete function in the shutil module will permanently delete a file.

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

Ans. ZipFile objects have a open() method just like File objects’ open() method.

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 in to a new folder.

Ans. import os, shutil

folder = '/Users/username/Documents'

destination = '/Users/username/Documents/new\_folder'

for root, dirs, files in os.walk(folder):

for file in files:

if file.endswith(".pdf"):

shutil.copy(os.path.join(root, file), destination)