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

The shutil.copy() method will copy a single file, whereas shutil.copytree() copy the full folder.

1. What function is used to rename files??

rename() is used to rename file.

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

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

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() 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).

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.

def copyfiles(source, target, file\_extension=None):

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

for filename in filenames:

ext\_name=filename.split('.')[1]

req\_ext='txt'

if ext\_name==req\_ext:

shutil.copy(source,target)