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

Shutil.copy()-single line code

shutil.copytree-multiple lines of code

2. What function is used to rename files??

Import os

Os.rename(“a.txt”,”abc.txt”)

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

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

from zipfile import Zipfile

with ZipFile(file\_name, 'r') as zip: -> this code will open specified zipfile for us. we can use zip object to preform other operation the ziplife. like zip.read()

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

def selectiveCopy(source, extensions, destination):

folder = os.path.abspath(source)

destination = os.path.abspath(destination)

print('Looking in', source, 'for files with extensions of', ', '.join(extensions))

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

for filename in filenames:

name, extension = os.path.splitext(filename)

if extension in extensions:

fileAbsPath = foldername + os.path.sep + filename

print('Coping', fileAbsPath, 'to', destination)

shutil.copy(fileAbsPath, destination)

extensions = ['.mp4', '.pdf','.jpg']

source = "C:\Users\Safura\Desktop"

destination = "C:\Users\Safura\Desktop\safu"

selectiveCopy(source, extensions, destination)