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

Ans: shutil.copy() : copies a single folder.

shutil.copytree() : will copy an entire folder along with its content.

1. What function is used to rename files??

Ans: shutil.move()

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

Ans: send2trash function moves a file to recycle bin, while delete function permanently deletes the file.

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

Ans: zipfile.Zipfile() is the equivalent function. The first argument here is the filename and the second argument is the mode of accessing the file that is in r, w or a.

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

import shutil

def find\_files(filename, search\_path):

   result = []

# Wlaking top-down from the root

   for root, dir, files in os.walk(search\_path):

      if filename in files:

         result.append(os.path.join(root, filename))

   return result

print(find\_files("Assignment\_9.docx",r"C:\Users\Lenovo\OneDrive\Desktop"))

files = [r"C:\Users\Lenovo\OneDrive\Desktop\Assignment\_9.docx"]

for f in files:

    shutil.copy(f, "E:\Education\ineuron\_material\File Handling")