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

Here shutil.copy() will copy a single files whereas shutil.copytree() will copy the entire directory and files from those directories.

2. What function is used to rename files??

Here os.rename function will be used to rename the files.

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

Send2trash function will move the files or folder to the recycle bin, whereas shutil will delete the files or folders permanently.

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

Extractall() method is equivalent to the open() method where it will extract files into the current working directory.

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, glob

text\_file = r'C:\Users\test\test\_files\\*.txt'

text\_file = glob.glob(text\_file)

for base\_file in text\_file:

file\_list = base\_file.split('\\')

for root, dirs, files in os.walk(r'C:\Users\test\test\_files'):

for f in files:

if f in file\_list:

shutil.copy(os.path.abspath(root + '/' + f), r'C:\Users\test\test\_file123')