1. How do you distinguish between shutil.copy() and shutil.copytree()?  
Ans: shutil.copy() : This is only if you want ot copy the file.  
 shutil.copytree() : This is only if folder needs to be copied  
2. What function is used to rename files??

|  |  |
| --- | --- |
| import os os.rename('a.txt', 'b.txt') | Import shutil shutil.move(source, destination) |

3. What is the difference between the delete functions in the send2trash and shutil modules?  
Ans : The send2trash functions will move a file or folder to the recycle bin, while shutil functions will permanently delete files and folders.

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

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.

Ans

import os, shutil

def moveFileType(folder):

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

for subfolder in subfolders:

for filename in filenames:

if filename.endswith('.jpg'):

shutil.copy(folder + filename, '<destination>')

moveFileType('<source>')