

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

Ans: `shutil.copy()` will copy a single file, `shutil.copytree()` will copy an entire folder and every folder and file contained in it.

2. What function is used to rename files?

Ans: `os.rename()` is used to rename files.

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

Ans: In `send2trash` delete function send to recycle bin whereas in `shutil` deletes permanently.

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

Ans: `zip.extract()`

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: `def moveFileType(folder):`

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

`for filename in filenames:`

`if filename.endswith('.jpg' or '.pdf '):`

`shutil.copy(os.path.join(folderName, filename), '<destination>')`