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

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

1. What function is used to rename files??

Ans:- os. rename() method in Python is used to rename a file

1. 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:- To create your own compressed ZIP files, you must open the ZipFile object in write mode by passing 'w' as the second argument.

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:-

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| Importos,shutil |
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|  | def selectiveCopy(folder, extensions, destFolder): |
|  | folder = os.path.abspath(folder) |
|  | destFolder = os.path.abspath(destFolder) |
|  | print('Looking in', folder, 'for files with extensions of', ', '.join(extensions)) |
|  | for foldername, subfolders, filenames in os.walk(folder): |
|  | for filename in filenames: |
|  | name, extension = os.path.splitext(filename) |
|  | if extension in extensions: |
|  | fileAbsPath = foldername + os.path.sep + filename |
|  | print('Coping', fileAbsPath, 'to', destFolder) |
|  | shutil.copy(fileAbsPath, destFolder) |
|  |  |