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

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

2. What function is used to rename files??

Ans: rename() function is used for renaming files

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

Ans: The send2trash functions sends a file or folder to the recycle bin, while shutil functions permanently deletes files and folders from the system.

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

Ans:  ZipFile() is the equivalent open method

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  #Function for doing the copying of files |
|  | def selectiveCopy(folder, extensions, destFolder):  #Defining the source folder |
|  | folder = os.path.abspath(folder)  #Defining the destination folder |
|  | destFolder = os.path.abspath(destFolder) |
|  |  |
|  | for folder, subfolders, filenames in os.walk(folder): |
|  | for filename in filenames: |
|  | name, extension = os.path.splitext(filename) |
|  | if extension in extensions: |
|  | fileAbsPath = folder + os.path.sep + filename |
|  | print('Coping', fileAbsPath, 'to', destFolder) |
|  | shutil.copy(fileAbsPath, destFolder) |
|  |  |
|  | extensions = ['.pdf, '.jpg] |
|  | folder = 'randomFolder' |
|  | destFolder = 'selectiveFolder' |
|  | selectiveCopy(folder, extensions, destFolder) |