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

copy() will copy a single file, shutil. copytree() will copy an entire folder and every folder and file contained in it. Calling shutil. copytree( source, destination ) will copy the folder at the path source , along with all of its files and subfolders, to the folder at the path destination

1. What function is used to rename files??

Python rename() file is a method used to rename a file or a directory in Python programming. The Python rename() file method can be declared by passing two arguments named src (Source) and dst (Destination).

Eg

import os

os.rename('guru99.txt','career.guru99.txt')

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

Send2Trash is a small package that sends files to the Trash (or Recycle Bin) natively and on all platforms.

shutil.rmtree() is used to delete an entire directory tree, path must point to a directory

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

To create your own compressed ZIP files, you must open the ZipFile object in write mode by passing 'w' as the second argument. (This is similar to opening a text file in write mode by passing 'w' to the open() function.) This code will create a new ZIP file named new. zip that has the compressed contents of spam.

1. 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

def moveFileType(folder):

for root, dirs, files in os.walk(folder):

for file in files:

if file.endswith('.jpg'):

image\_path=os.path.join(root,file) # get the path location of each jpeg image.

print 'location: ',image\_path

shutil.copy(image\_path, ‘path’)

moveFileType(‘path’)