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??

os. rename() method in Python is used to rename a file or directory. This method renames a source file/ directory to specified destination file/directory.

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

The send2trash functions will move a file or folder to the recycle bin, while shutil functions will permanently delete files and folders.

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

No, To unzip it first create a ZipFile object by opening the zip file in read mode and then call extractall() on that object i.e. It will extract all the files in zip at current Directory. If files with same name are already present at extraction location then it will overwrite those files.

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.

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|  | import os, shutil  def new(folder,ext,dest\_folder):  folder = os.path.abspath(folder)  dest\_folder=os.path.abspath(dest\_folder)  for folder,subfolders,filenames in os.walk(folder):  name, extension = os.path.splitext(filename)  if extension in ext:  filepath=foldername+os.path.sep+filename  shutil.copy(filepath,dest\_folder)  ext= [‘.pdf’,’jpg’]  folder= ‘python’  dest\_folder= ‘test’  new(folder,ext,dest\_folder) |