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

Answer: shutil.copy() copies given single file to the destination, while shutil.copytree() will copy an entire folder and each and every folder and file inside that folder.

2. What function is used to rename files??

Answer : In move() function if destination path also specify a file name, the source file will be moved and renamed.

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

Answer : shutil.rmtree() irreversibly deletes files and folders, while send2trash() deletes files and folders and send it to recycle bon instead of permanently deleting them. So, send2trash is much safer than shutil module incase deleted files are to retrieved back.

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

Answer : The zipfile.ZipFile() function is equivalent to the open() function; the first argument is the filename, and the second argument is the mode to open the ZIP file in (read, write, or append).

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.

Answer :

import shutil,os

os.chdir('D:\\')

shutil.copy('D:\\aniket.txt', 'D:\\salvi')