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

Sol. Shutil.copytree() copies the entire directory or folder whereas shutil.copy copies a file.

2. What is the name of the feature used to rename files?

Sol. Os.rename can be used

3. How are the delete functions in the send2trash and shutil modules different?

Sol. Send2trash delete the file and send it to recycle bin whereas shutil module deletes the file permanently.

4. ZipFile objects have a close() function that is similar to that of File objects. What ZipFile method is similar to the open() method of File objects?

Sol. Zipfile.Zipfile("filename", "mode")

5. Create a programme that searches a folder tree for files with a certain file extension (such as .pdf or .jpg). Copy these files to a new folder from wherever they are now.

Sol. Import os,shutil

b=os.chdir("C:\\User\\tree")

a=os.listdir(b)

For file in a:

  ext=file.split('.')[1]

  if ext==pdf or jpg:

     Shutil.copy(f"C:\\User\\tree\\{file}", "C:\\User\\newfolder")