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

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

**2. What function is used to rename files??**

With os.rename function

**3. 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.

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

ZipFile.open() is used to open zip file and ZipFile.extractall() to extract all files inside it.

**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.**

source\_folder = 'C:\\Users\\harsh\\Harshil'

destination\_folder = 'C:\\Users\\harsh\\copied folder\\'

extention = '.pdf'

for folderpath, subfoldername, file in os.walk(source\_folder):

for i in file:

if extention in i:

sh.copy(folderpath+os.path.sep+i,destination\_folder+i)

print(i)