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

**Ans:** 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??

**Ans:** os.rename(oldname, newname) is used to rename files.

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

**Ans:** send2trash deletes file and move file to recycle bin, while shutil delete the file permanently.

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

**Ans:** open() method in zip file.

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.

**Ans:**

import os

import shutil

SOURCE\_DIR = '/Users/raman/Desktop/'

DEST\_DIR = '/Users/raman/Desktop/PDF/'

for fname in os.listdir(SOURCE\_DIR):

if fname.lower().endswith('.pdf'):

shutil.move(os.path.join(SOURCE\_DIR, fname), DEST\_DIR)