**Rishabh Kant Jha’s assignment – 10**

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

> shutil.copy(): copies a file to a destination

> shutil.copytree(): copies an entire folder along with the folders and files within

2. What function is used to rename files??

> os.rename(“file1.txt”,”New\_Name.txt”) #but for this we need to import os

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

> send2trash will send the file to Recycle Binbut shutil.rmtree will delete the file completely.

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()

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.

> please enter the <destination> as a folder of your choice: ”/home/User/Documents/file.txt” or anything of your choice

import os, shutil

def moveJPGandPDF(folder):

for folderName, subfolders, filenames in os.walk(folder):

for filename in filenames:

if filename.endswith('.jpg') or filename.endswith('.pdf'):

shutil.copy(os.path.join(folderName, filename), '<destination>')