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

**With the shutil.copy() method, we can only copy the file and paste it to the destination. On the other hand, the shutil.copytree() method can copy the entire directory to the specified destination**

2. What function is used to rename files?

**os.rename()**

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?

**It has a open() method as well**

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.

**import os**

**import shutil**

**sourcepath = 'C:/Users/kevinconnell/Desktop/Test\_Folder/'**

**sourcefiles = os.listdir(sourcepath)**

**destinationpath = 'C:/Users/kevinconnell/Desktop/Test\_Folder/Archive'**

**for file in sourcefiles:**

**if file.endswith('.png'):**

**shutil.move(os.path.join(sourcepath, file), os.path.join(destinationpath, file))**