Assignment - 10

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

```
In [1]: # The shutil.copy() function will copy a single file,
    # while shutil.copytree() will copy an entire folder,
    # along with all its contents.
```

2. What function is used to rename files?

```
In [2]: # The shutil.move() function is used for renaming files,
# as well as moving them.
```

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

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

```
In [4]: # The zipfile.ZipFile() function is equivalent to the open() function;
# the first argument is the filename, and the second argument is
# the mode to open the ZIP file in (read, write, or append).
```

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.