

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

`shutil.copy()` will copy the file located at one location to the other.
`shutil.copy()` will recursively copies the directory located at one location to the new location.

2. What function is used to rename files??

`shutil.move()` 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?

`send2trash` will move a file or folder to the recycle bin, `shutil` 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.ZipFile()` is equivalent to the `open()`; 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.

```
import shutil, os
os.chdir('C://Users/vamsi')
shutil.copy('C://Users/vamsi//configRouter.txt', 'Desktop')

os.chdir('C://Users/vamsi//Desktop')
```