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

* **shutil.copy()** - copy a single file
* **shutil.copytree()** - copy an entire folder, along with all its contents.

**2. What function is used to rename files??**

shutil.move()

**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
* **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?**

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.**

import os, shutil

def move\_file\_Type(folder):

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

for subfolder in subfolders:

for filename in filenames:

if filename.endswith('.jpg'):

shutil.copy(folder + filename, '<destination\_path>')

move\_file\_Type('<source\_path>')