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

The shutil.copy() function will copy a single file, while shutil.copytree() will copy an entire folder, along with all its contents.

2. What is the name of the feature used to rename files?

The shutil.move() function is used for renaming files, as well as moving them.

3. How are the delete functions in the send2trash and shutil modules different?

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() function that is similar to that of File objects. What ZipFile method is similar to the open() method of File objects?

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 to a new folder from wherever they are now.

import os

import shutil

print(os.getcwd())

os.chdir("C:\\Users\\admin\\Downloads")

print(os.getcwd())

os.mkdir("test")

for f in os.listdir():

file\_name,file\_ext = os.path.splitext(f)

if file\_ext == ".pdf" :

shutil.copy(f,"C:\\Users\\admin\\Downloads\\test")