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

Ans -While shutil. copy() will copy a single file, shutil. copytree() will copy an entire folder and every folder and file contained in it.

Ans -shutil.copy(src, dst) is used for copying a single file from the source (src) to the destination (dst). It can only copy individual files and does not handle directories.

shutil.copytree(src, dst) is used for recursively copying an entire directory tree from the source (src) to the destination (dst). It copies both directories and their contents, including all subdirectories and files.

1. What function is used to rename files??

In os modulu the rename file means rename() of function key used

=>Syntax: os.rename("Old Folder Name","New Folde Name")

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

Ans -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?

Ans 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.