**Assignment 10-**

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

**Ans-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?**

**Ans-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?**

**Ans-3** 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-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.**

**Ans-5**