**ASSIGNMENT 10**

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

**Answer 1 :**

shutil.copy () : The shutil.copy() function will copy a single file

shutil.copytree () : The shutil.copytree() will copy an entire folder, along with all its contents.

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

**Answer 2 :**

os.rename() method in Python is used to rename a file or directory.

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**Question 3. What is the difference between the delete functions in the send2trash and shutil modules?**

**Answer 3 :**

send2trash () : is a package that send files or folders to Recycle Bin( Trash)

shutil module : This module helps in automating the process of copying and removal of files and directories.

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**Question 4.ZipFile objects have a close() method just like File objects’ close() method. What ZipFile method is equivalent to File objects’ open() method?**

**Answer 4 :**

# create a ZipFile object by opening file

zip\_obj= zipfile.ZipFile(filename, mode), here mode will be “ r “ or “ w “ or “ a “

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Question 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.

Answer 5 :

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