**Python – Assignment 10**

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| 1 | How do you distinguish between shutil.copy() and shutil.copytree()? |
|  | Shutil.copy() – Copies a single file  Shutil.copytree() – Copies complete directory and it’s 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? |
|  | Send2trash – sends the file to recycle bin  Shutil – permanently deletes entities |
| 4 | ZipFile objects have a close() method just like File objects’ close() method. What ZipFile method is equivalent to File objects’ open() method? |
|  | zipfile.ZipFile(filename, option) |
| 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  path = r'path\to\source'  new\_path = r'path\to\destination'  for file in os.listdir(path):      if file[-4:] == '.pdf' or file[-4:] == '.jpg':          shutil.copy(path + '\\' + file, new\_path + '\\' + file) |