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

**Ans. 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. 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. 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.

**Ans. import os, shutil**

**def moveFileType(folder):**

**for root, dirs, files in os.walk(folder):**

**for file in files:**

**if file.endswith(('.jpg','.pdf')):**

**path=os.path.join(root,file) # get the path location of each jpeg image and pdf file.**

**print ('location: ',path)**

**shutil.copy(path, '/Users/YOG/Desktop/MSP)**

**moveFileType('/Users/YOG/Desktop/MAnthan Doc Scan Final/')**