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

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

2. What function is used to rename files?

ANS- rename() function is used to change the name of the file or directory.

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 - This method is equivalent to calling the Open method and setting the mode parameter to Read.

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 shutil,os

def selectiveCopy(folder,extensions,deFolder):

folder=os.path.abspath(folder)

print(folder)

deFolder=os.path.abspath(deFolder)

print(deFolder)

print('Looking in '+ folder+ ' for files with extensions of ', ','.join(extensions))

for foldername,subfolders,filenames in os.walk(folder):

print("\*\*\*",foldername, "\*\*", subfolders , "\*",filenames)

for file in filenames:

name, extension = os.path.splitext(file)

if extension in extensions:

fileAbsPath = foldername + os.path.sep + file

print('Coping', fileAbsPath, 'to', deFolder)

shutil.copy(fileAbsPath, deFolder)

print("Current Working Directory " , os.getcwd())

os.chdir("C:\\Users\\name")

extensions=['.py','.txt']

folder='Documents\\Letsobe'

deFolder='Desktop'

selectiveCopy(folder, extensions, deFolder)