1. The shutil.copy() function will copy a single file, while shutil.copytree() will copy an entire folder, along with all its contents.
2. The shutil.move() function is used for renaming files as well as moving them.
3. The send2trash functions will move a file or folder to the recycle bin, while shutil functions will permanently delete files and folders.
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. import os, shutil

def selectiveCopy(folder,extensions, destFolder):

folder = os.path.abspath(folder)

destFolder =os.path.abspath(destFolder)

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

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

for filename in filenames:

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

if extension in extensions:

fileAbsPath = foldername + os.path.sep + filename

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

shutil.copy(fileAbsPath, destFolder)

extensions = ['.pdf', '.jpg']

folder = 'randomFolder'

destFolder = 'selectiveFolder'

selectiveCopy(folder, extensions, destFolder)

Looking in C:\Users\DELL\Desktop\assignment\Python Basic Assignment solutions\

randomFolder for files with extensions of .pdf, .jpg