

6. Develop a program to sort the contents of a text file and write the sorted contents into a separate text

file.

[Hint: Use string methods strip(),

len(),

list methods sort(),

append(),

and file methods open(),

readlines(),

and write()].

Note:

Keep both files in the same folder as your Python program:

```
Jones daniel
|
├─ sortfile.py
├─ input.txt
└─ output.txt ← created automatically
```

Sort contents of a text file

Open input file

```
file1 = open("input.txt", "r")
```

Read all lines

```
lines = file1.readlines()
```

```
file1.close()
```

Create an empty list

```
words = []

# Remove spaces and add each line to the list
for line in lines:
    line = line.strip()
    if len(line) > 0:
        words.append(line)

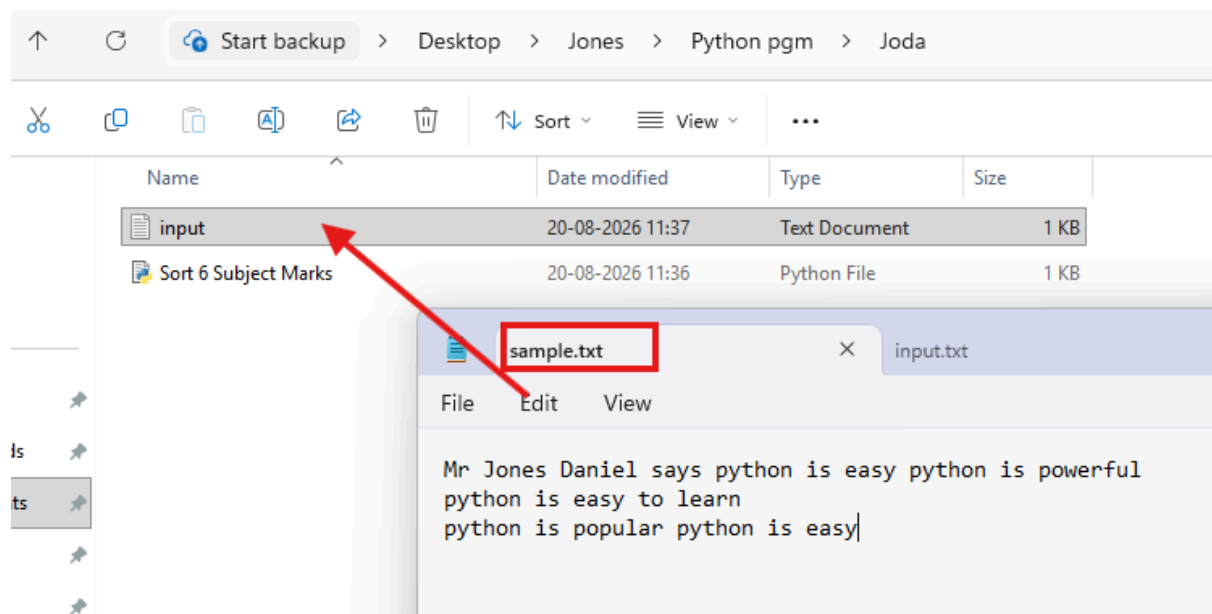
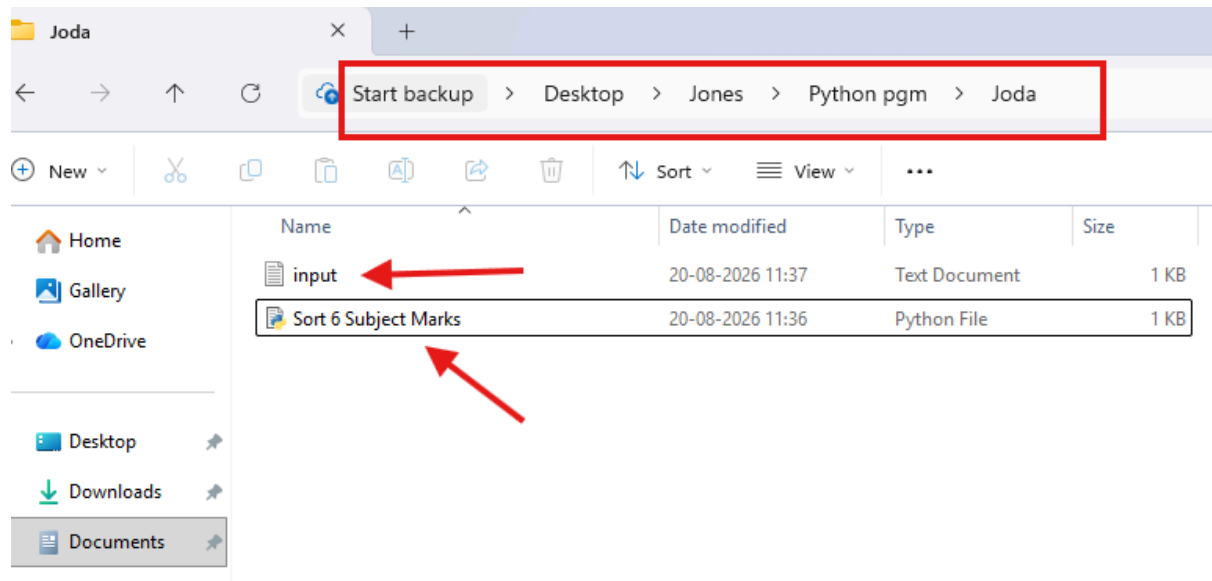
# Sort the list
words.sort()

# Open output file
file2 = open("output.txt", "w")

# Write sorted contents
for word in words:
    file2.write(word + "\n")

file2.close()

print("Contents sorted successfully.")
print("Sorted contents are stored in output.txt")
```



Text content

					Sort 	View 	...
Name	Date modified	Type	Size				
 input	20-08-2026 11:37	Text Document	1 KB				
 Sort 6 Subject Marks	20-08-2026 11:36	Python File	1 KB				

```
*Sort 6 Subject Marks.py - C:/Users/066/Desktop/Jones/Python pgm/Joda/Sort 6 Subject M
File Edit Format Run Options Window Help
# Sort contents of a text file

# Open input file
file1 = open("input.txt", "r")

# Read all lines
lines = file1.readlines()
file1.close()

# Create an empty list
words = []

# Remove spaces and add each line to the list
for line in lines:
    line = line.strip()
    if len(line) > 0:
        words.append(line)

# Sort the list
words.sort()

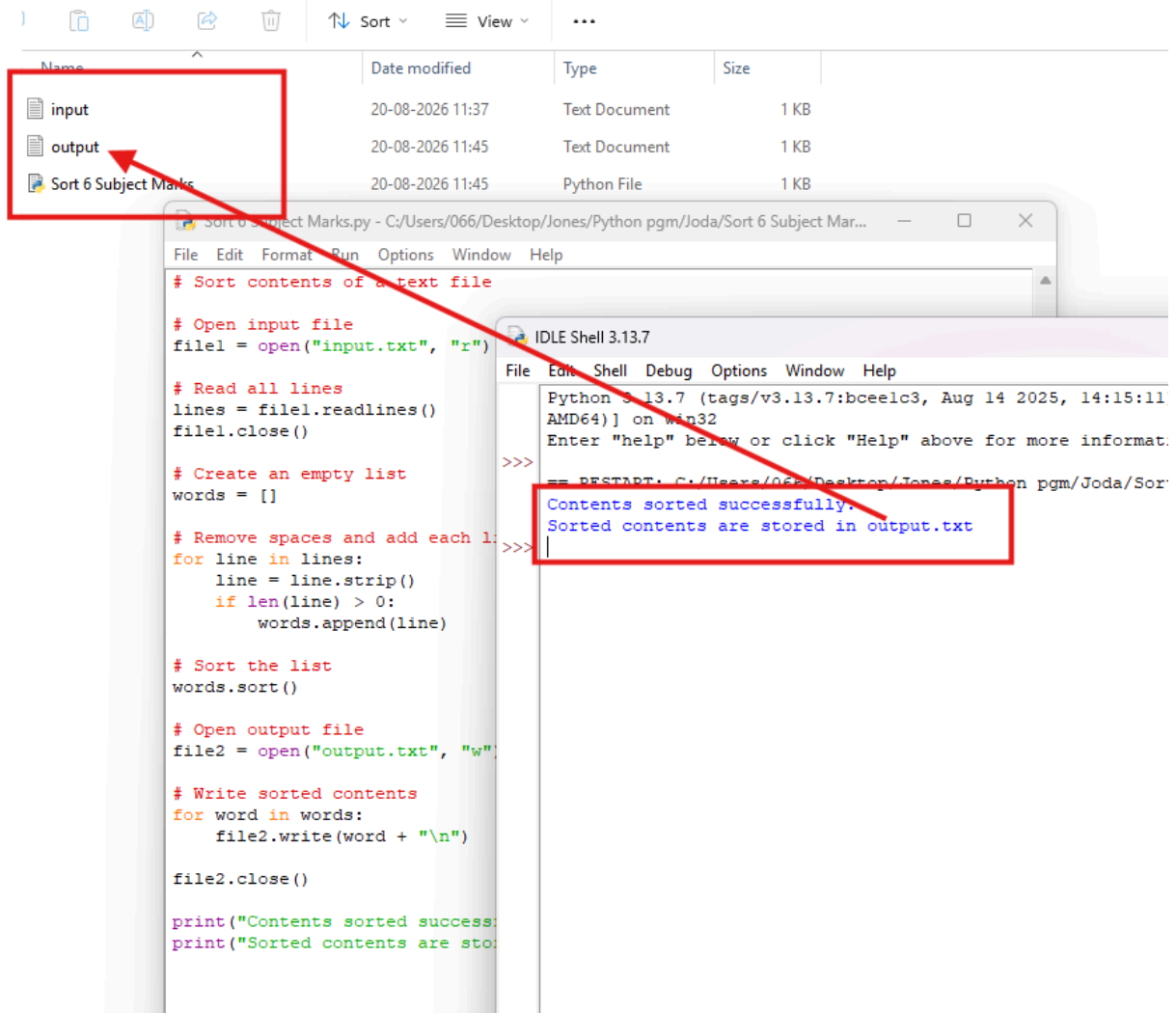
# Open output file
file2 = open("output.txt", "w")

# Write sorted contents
for word in words:
    file2.write(word + "\n")

file2.close()

print("Contents sorted successfully.")
print("Sorted contents are stored in output.txt")
```

Before Run a Program – Two files are there



After Run a Program – Three files are there including “Output”