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()].

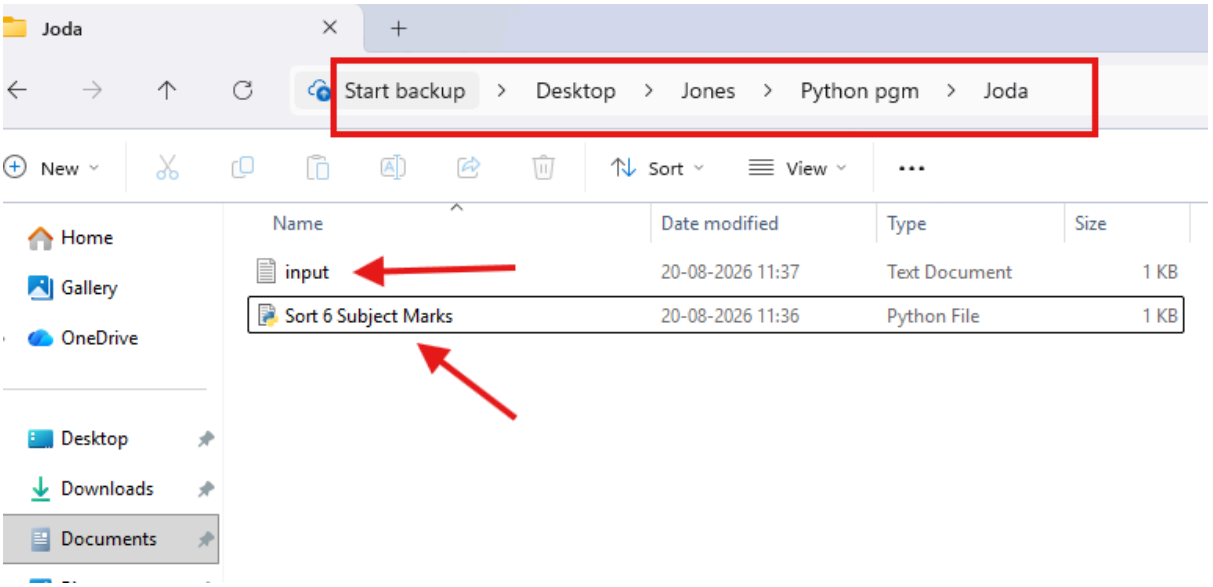
Note:

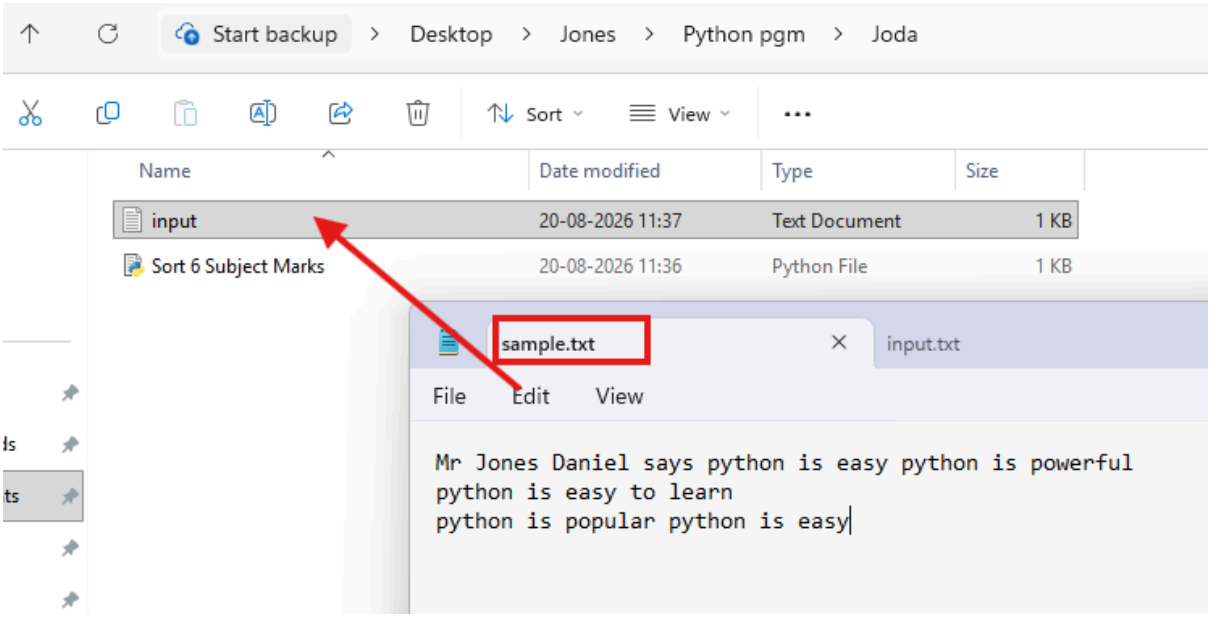
Keep both files in the same folder as your Python program:

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

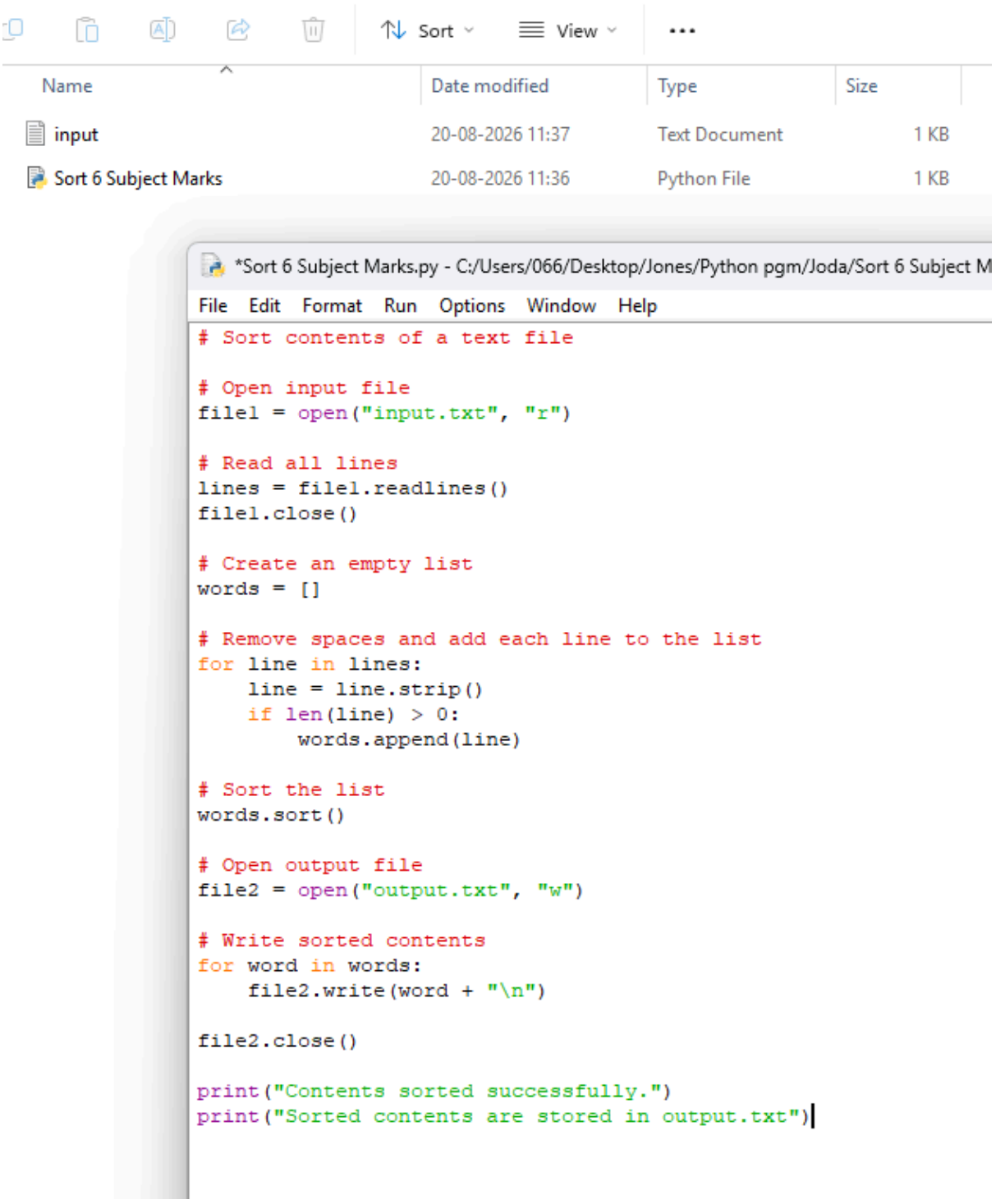
```
# Sort contents of a text file


# 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")
```

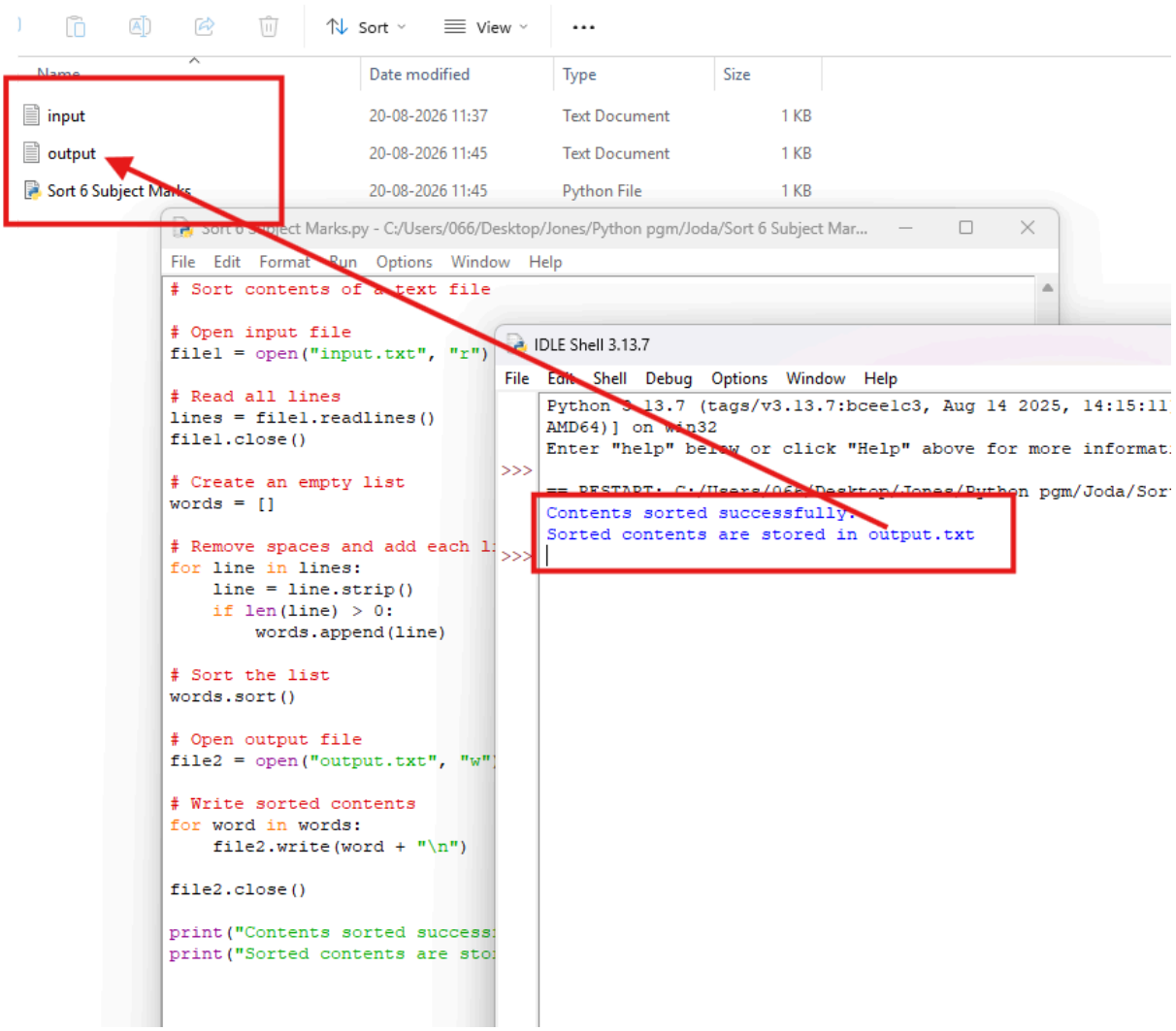




Text content



Before Run a Program – Two files are there



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