C++ Advanced - Exam (18 June 2022)

The following tasks should be submitted to the SoftUni Judge system.

Only source code will be accepted as solution for each task.

Min-Max Temperature 1.

Write a program for a weather channel. The channel needs to know how many towns we have, and the Minimum and Maximum RECORD temperature in the town.

WARNING: The outputs should be in alphabetical order!

For the current program you'll need a STL Container.

Input

```
2 (Number of DIFFERENT towns)
Sofia (Town 1)
-17 (Min temperature)
24 (Max temperature)
Sofia (Town 1)
-18 (Min temperature)
23 (Max temperature)
Plovdiv (Town 2)
-2 (Min temperature)
8 (Max temperature)
```

Output

Plovdiv -28

Sofia -18 24

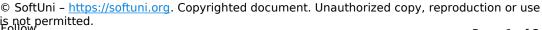
Restrictions

In the first case Sofia the MIN temperature is -17, MAX temperature is 24.

In the second case the MIN temperature is -18, MAX temperature is 23.

YOU CAN SEE THAT REMAINS THE RECORDED LOWEST OR BIGGEST ONE!

















Example Input and Output

| Input | Output |
|---------|---------------|
| 2 | Plovdiv -2 8 |
| Sofia | Sofia -18 24 |
| -17 | |
| 24 | |
| Sofia | |
| -18 | |
| 23 | |
| Plovdiv | |
| -2 | |
| 8 | |
| 3 | Pleven -5 13 |
| Sofia | Plovdiv -3 12 |
| -5 | Sofia -5 10 |
| 10 | |
| Plovdiv | |
| -3 | |
| 12 | |
| Pleven | |
| -5 | |
| 13 | |















