## 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.

### 1. Min-Max Temperature

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 -2 8

Sofia -18 24

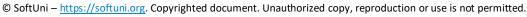
#### Restrictions

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	













