

# 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 Sofia -17 24 Sofia -18 23 Plovdiv -2 8	Plovdiv -2 8 Sofia -18 24
3 Sofia -5 10 Plovdiv -3 12 Pleven -5 13	Pleven -5 13 Plovdiv -3 12 Sofia -5 10