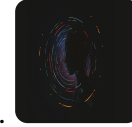


CS 3233

Competitive Programming

Contests



Benvenuto, T17_A0244126M.

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Problem B2

Linear-time Sort

Time limit: 2.5s

Memory limit: 512 MB

Everything is identical as B1 - Linear-time Sort (Weaker).

Constraints

While B1 has $A, B, C \leq 10^6$, B2 has $A, B, C \leq 10^9$, and that is the only change.

Now it is no longer guaranteed that a correct algorithm in Python is fast enough. Please learn C++...

Remarks: If you have tried more than 7 versions of B2 C++ code with its associated parameters and still gets TLE (but already gets AC in B1), feel free to skip this task B2 that is only worth 2 out of 40 marks.

CS3230
PA1 (03-17 Feb 2023)

Contest over!

Problems

A ✓
B1 ✓
B2 ✓

Standings

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C++ ▼

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