Problem 9: Marathon Times – A TESTING PROBLEM

Overview

The Boston Marathon is in twenty-one days. The record for the marathon is two hours, three minutes and two seconds – or 7382 seconds. Most of us could not run a marathon in anything approaching this time. The musical Rent famously states (sings?) that there are 536,600 minutes (or 31,536,000 seconds) in a year – although most of us could finish a marathon in significantly less time; in fact in less than a week (604,800 seconds)!

Problem

In this problem, you will be given the times for a group of friends who are each completing a marathon on their own and reporting to a central server. Your job is to determine the winner.

Input

The input will consist of a series of marathon times for each of a group of friends. Each time is presented in “total seconds format.” All times are plausible, i.e. between 7300 and 604800 inclusive. There will be between 1 and 26 (inclusive) friends participating.

Output

The friends are indicated by single upper case letters, i.e. the first time corresponds to “A”, the second (if present) to “B”, and so on. The output consists of a single statement formatted as in the examples, stating the winner. In the event of a tie, the winner is the time that appears earlier in the list.

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Example 1

**Input**

7832 7382 8237

**Output**

The winner is B.

Example 2

**Input**

33333 22222 12345 54321

**Output**

The winner is C.

About TESTING PROBLEMS

YOU ARE NOT TO WRITE A SOLUTION TO THIS PROBLEM!!!!

Rather, a flawed solution to this problem exists on the web page referenced by the submission program on your desktop. You must determine an input set for which our solution gives the wrong answer. You will also need to supply the correct output for the input that you submit. Once you have determined these, you must fill in the fields on the web page and submit your answer.