
Given four integers, two of them add up to the same as the other two

X68995_en

Write a program that reads four integers and determines if the sum of two of them equals the sum of the other two.

Input

Four integers in a line.

Output

If two integers of the four add up to the same sum as the other two, the output will be YES followed by a newline character. Otherwise the output is NO followed by a newline character.

Sample input 1

1 2 3 4

Sample input 2

-1 -2 -3 -4

Sample input 3

8 7 1 6

Sample input 4

7 8 7 7

Sample input 5

2 8 1 9

Sample input 6

1 6 9 4

Sample output 1

YES

Sample output 2

YES

Sample output 3

NO

Sample output 4

NO

Sample output 5

YES

Sample output 6

YES

Observation

You cannot use massive storage data structures, such as `string` or `vector`.

Problem information

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