Given four integers, check that two of them are equal and the other two are different   X29232_en

Write a program that reads four integers and determines if two of them are equal and the remaining ones are different from any other.

Input

Four integers in one line.

Output

If two integers in the input are equal to each other and the other two are different from any other one then print YES. Otherwise, print NO.

Sample input 1	Sample output 1
15 -30 2 15	YES

Sample input 2	Sample output 2
-333 22 -333 -333	NO

Sample input 3	Sample output 3
0 0 0 0	NO

Sample input 4	Sample output 4
1 2 4 8	NO

Sample input 5	Sample output 5
1 -1 1 -1	NO

Observation

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

Problem information

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