

## Problem A. 79165 2'nd min

Input file:            standard input  
Output file:          standard output  
Time limit:           1 second  
Memory limit:        256 megabytes

Given list of numbers. How much time 2'nd min appears in the list.

### Input

First line contains  $n$  - ( $2 \leq n \leq 30$ ). Then  $n$  times given elements of the list.

### Output

Print solution for the problem.

### Example

standard input	standard output
4 1 2 2 3	2

### Note

For this problem you should use map.

## Problem B. 79087 Erase first n

Input file:            standard input  
Output file:           standard output  
Time limit:           1 second  
Memory limit:         256 megabytes

Given string. Delete the first n symbols. Print changed string.

### Input

First line contains string. Then given n( $0 \leq n \leq 100$ ).

### Output

Print solution for the problem

### Example

standard input	standard output
John Snow is the only king of North. 5	Snow is the only king of North.

## Problem C. 78710 Cable

Input file:            **standard input**  
Output file:          **standard output**  
Time limit:           1 second  
Memory limit:        256 megabytes

Given the length of fiber optic cables and an array of coordinates with the house (all houses are on the same lines). It is necessary to determine whether it is possible to conduct a fiber optic cable from the first house to the last.

### Input

First line contains the length of fiber optic cable. Then given n - size of the array. ( $1 \leq n \leq 20$ ) Third line contains elements of the array.

### Output

Print "YES" if it is possible to conduct a fiber optic cable, otherwise print "NO".

### Example

standard input	standard output
9 5 1 2 3 4 5	YES

## Problem D. 78583 Investor's money

Input file:            standard input  
Output file:           standard output  
Time limit:           1 second  
Memory limit:         256 megabytes

Investor invested  $t$  tg into start-up. Every month his investments doubles. Find how much will be his investments after  $n$  month.

### Input

Integers  $t$  and  $n$ ,  $1 \leq n \leq t \leq 1000$

### Output

Print solution for the problem.

### Example

standard input	standard output
20 3	160

## Problem E. 78556 Programing language

Input file:            **standard input**  
Output file:           **standard output**  
Time limit:            1 second  
Memory limit:         256 megabytes

Given number of n students in class who knows c++, number of m students who knows python and total number of t students in the class. Find how many students knows both programing languages if there is no student in class who don't know any of this two languages.

### Input

The only input line contains the integers n, m and t separated with a space  $1 \leq n \leq m \leq k \leq 1000$

### Output

Output contains single integer.

### Example

standard input	standard output
20 17 30	7

## Problem F. 79066 Palindrom

Input file:            **standard input**  
Output file:          **standard output**  
Time limit:           1 second  
Memory limit:        256 megabytes

Given 2D array. Print "YES" if first and last line of an array is palindrome, otherwise print "NO".

### Input

First line contains n, m - size of 2D array ( $1 \leq n \leq 100$ ,  $1 \leq m \leq 100$ ). Then given elements of 2D array.

### Output

Print solution for the problem.

### Example

standard input	standard output
4 5 1 2 3 2 1 6 7 8 2 3 1 2 3 4 5 0 8 7 8 0	YES

## Problem G. 79024 Subarray

Input file:            **standard input**  
Output file:           **standard output**  
Time limit:            1 second  
Memory limit:         256 megabytes

Given an array. Find a sequence of 3 numbers for which the sum of this sequence will be less than the sum of others sequences. Print the sum of this sequence.

### Input

First line contains  $n$  - size of an array ( $3 \leq n \leq 100$ ). Then given elements of an array.

### Output

Print solution for the problem.

### Example

standard input	standard output
5 1 4 -6 -8 10	-10