

A. Vanya and Fence

time limit per test1 second

memory limit per test256 megabytes

inputstandard input

outputstandard output

Vanya and his friends are walking along the fence of height h , and they do not want the guard to notice them. In order to achieve this the height of each of the friends should not exceed h . If the height of some person is greater than h , he can bend down and then he surely won't be noticed by the guard. The height of the i -th person is equal to a_i .

Consider the width of the person walking as usual to be equal to 1 , while the width of the bent person is equal to 2 . Friends want to talk to each other while walking, so they would like to walk in a single row. What is the minimum width of the road, such that friends can walk in a row and remain unattended by the guard?

Input

The first line of the input contains two integers n and h ($1 \leq n \leq 1000$, $1 \leq h \leq 1000$) — the number of friends and the height of the fence, respectively.

The second line contains n integers a_i ($1 \leq a_i \leq 2h$), the i -th of them is equal to the height of the i -th person.

Output

Print a single integer — the minimum possible valid width of the road.

Examples

input
3 7 4 5 14
output
4
input
6 1 1 1 1 1 1 1
output
6
input
6 5 7 6 8 9 10 5
output
11

Note

In the first sample, only person number 3 must bend down, so the required width is equal to $1 + 1 + 2 = 4$.

In the second sample, all friends are short enough and no one has to bend, so the width $1 + 1 + 1 + 1 + 1 + 1 = 6$ is enough.

In the third sample, all the persons have to bend, except the last one. The required minimum width of the road is equal to $2 + 2 + 2 + 2 + 2 + 1 = 11$.