Problem G. G

Time limit   2000 ms

Mem limit   1048576 kB

Problem Statement

There is a programming contest with N problems. For each $i = 1, 2, \ldots, N$, the score for the i-th problem is S_i.

Print the total score for all problems with a score of X or less.

Constraints

- All input values are integers.
- $4 \leq N \leq 8$
- $100 \leq S_i \leq 675$
- $100 \leq X \leq 675$

Input

The input is given from Standard Input in the following format:

```
N  X
S₁  S₂  ...  Sₙ
```

Output

Print the answer.

Sample 1

Input	Output
6 200 100 675 201 200 199 328	499

Three problems have a score of 200 or less: the first, fourth, and fifth, for a total score of $S_1 + S_4 + S_5 = 100 + 200 + 199 = 499$.

Sample 2

Input	Output
8 675 675 675 675 675 675 675 675 675	5400

Sample 3

Input	Output
8 674 675 675 675 675 675 675 675 675	0