

C. A Piece of Cake

time limit per test: 2 seconds

memory limit per test: 256 megabytes

input: standard input

output: standard output

How to make a cake you'll never eat.

Ingredients.

- 2 carrots
- 0 calories
- 100 g chocolate spread
- 1 pack of flour
- 1 egg

Method.

1. Put calories into the mixing bowl.
2. Take carrots from refrigerator.
3. Chop carrots.
4. Take chocolate spread from refrigerator.
5. Put chocolate spread into the mixing bowl.
6. Combine pack of flour into the mixing bowl.
7. Fold chocolate spread into the mixing bowl.
8. Add chocolate spread into the mixing bowl.
9. Put pack of flour into the mixing bowl.
10. Add egg into the mixing bowl.
11. Fold pack of flour into the mixing bowl.
12. Chop carrots until chopped.
13. Pour contents of the mixing bowl into the baking dish.

Serves 1.

Input

The only line of input contains a sequence of integers a_0, a_1, \dots ($1 \leq a_0 \leq 100, 0 \leq a_i \leq 1000$ for $i \geq 1$).

Output

Output a single integer.

Examples

input
4 1 2 3 4
output
30