

Banana 1

time limit per test: 2 seconds
memory limit per test: 256 megabytes
input: standard input
output: standard output

points: 100 · problem code: banana1 · authors: glipR, kahootist

Problem Statement

Jackson is head ranger at the zoo, which looks after many manic monkeys.

Every day, Jackson needs to buy enough bananas to placate the monkeys, so they do not start a monkey uprising.

Jackson can only buy bananas in packs of 10. How much money must Jackson spend?

Input

Your first line of input will contain two space-separated integers, n and c : the number of monkeys and the dollar cost for 10 bananas, respectively.

Next, n lines will follow, each containing a single integer a_i : the number of bananas needed to placate monkey i .

Output

A single line, containing the total cost of bananas Jackson has to buy, in dollars.

Constraints

For all test cases...

- $1 \leq n \leq 10^6$
- $1 \leq c \leq 10^2$
- $1 \leq a_i \leq 10^5$

Example

Input

```
4 6
15
8
31
42
```

Output

```
60
```

Explanation

Jackson needs to buy at least $15 + 8 + 31 + 42 = 96$ bananas.

Jackson will have to buy at least 10 packs of 10 bananas (a grand total of $10 \times 10 = 100$ bananas) to satisfy the need for 96 banana.

Since each pack of bananas costs 6 dollars, this will cost Jackson a total of $6 \times 10 = 60$ dollars.

Python Template

```
n, c = map(int, input().split())
a = [int(input()) for _ in range(n)]
# Continue your code here and print your final answer!
```

Solution

If you'd like to view a sample solution to this tutorial question, please click the "Read Editorial" link to the right of the problem!