Problem D. D

Time limit 2000 ms
Mem limit 1048576 kB

Problem Statement

There was a contest with N problems. The i-th $(1 \leq i \leq N)$ problem was worth A_i points.

Snuke took part in this contest and solved M problems: the B_1-th, B_2-th, ..., and B_M-th ones. Find his total score.

Here, the total score is defined as the sum of the points for the problems he solved.

Constraints

- $1 \leq M \leq N \leq 100$
- $1 \leq A_i \leq 100$
- $1 \leq B_1 < B_2 < \ldots < B_M \leq N$
- All values in the input are integers.

Input

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

N M
A_1 A_2 ... A_N
B_1 B_2 ... B_M

Output

Print the answer as an integer.

Sample 1

Input	Output
3 2 10 20 30 1 3	40

Snuke solved the 1-st and 3-rd problems, which are worth 10 and 30 points, respectively. Thus, the total score is $10 + 30 = 40$ points.

Sample 2

Input	Output
4 1 1 1 1 100 4	100

Sample 3

Input	Output
8 4 22 75 26 45 72 81 47 29 4 6 7 8	202