E. High-school Life

Time Limit: 3 seconds

Problem description

An is a ph.D student who are learning in Philosophy department at FPT University. He is quite smart but sometimes people feels that he got a little bit like a crazy man because of his ways of questioning. One day, he raised a problem for his students to calculate the things that they earned or lost events from the starting time in high-school life to the time they get out of high-school. He asked them to count anythings by money values and give him a list of the numbers. There are more than 30 students sent their information to him, and he want to check their result, but doing the work by hands is a frustrated thing that the clever and crazy thinker like him, so he came to you and asked to implement a program to help him solve a list of cases to get results.

Input:

N: An integer represents the number of events in high-school life of a student ($0 <= N < 100000001$)

Next N integer numbers VALUE indicating Earn/Lost money value in each event where non-negative number is earned value and negative one is lost. ($0 <= VALUE <= 1000000001$)

Output:

An integer represents Total value a student got in the high-school duration.

Example 1:

Input	Output
0	0

Example 2:

Input	Output
3 -9 2 8	1

Example 3:

Input	Output
7 0 -9 -7 9 4 0 -5	-8