

Problem I. A Really Odd Sequence

Input file: *standard input*
Output file: *standard output*
Time limit: 6 seconds
Memory limit: 512 mebibytes

According to our long-established tradition, the best statements are those kept short.

Given a sequence of integers, find the largest sum of a consecutive subsequence of odd length.

Input

The first line of input contains the number of test cases z . The descriptions of the test cases follow.

The first line of each test case contains the length of the sequence n ($1 \leq n \leq 1\,000\,000$).

The next line contains n integers a_1, a_2, \dots, a_n ($-10^9 \leq a_i \leq 10^9$), the elements of the sequence.

The total length of all sequences in all test cases does not exceed 5 000 000.

Output

For each test case, output the largest sum on a separate line.

Example

standard input	standard output
1	10
4	
8 -7 9 1	