2019年USST-SIW 暑期 ICPC & CCPC Training

July 15, 2019 - July 21, 2019 & August 19, 2019 - August 25, 2019

Problem B. Kaguya with Max Sum

Input file: standard input Time limit: 1 second

Output file: standard output Memory limit: 256 megabytes

读人n个整数的数列 $a_1, a_2, ..., a_n$ 和正整数 $k(1 \le k \le n)$,请输出连续排列的k个整数的和的最大值

Input

第一行输入两个正整数n和 $k(1 <= n <= 10^6, 1 <= k <= n)$

第二行输入n个整数 $a_i(-1000 <= a_i <= 1000)$

Output

输出连续排列的k个整数的和的最大值

Sample

standard input	standard output
9 7	21
-7 9 4 8 8 -6 5 -8 3	