

# Subarray

Given an array of length  $n$ , find the subarray of length  $k$  which have largest sum of values.

## Input

The first line contains two integers  $n$  and  $k$  ( $k \leq n \leq 10^5$ )

The second line contains  $n$  integers which are elements of the array, each integer has absolute values not exceed  $10^6$ , respectively.

## Output

The sum of values in the subarray

## Sample

Input	Output
6 3 -3 -4 -1 -2 -4 -1	-7

There are 4 large test cases and 16 small test cases. Student can use two nested loops to solve first 16 testcases and earn 80% score.