

A. Maximum Average Segment

time limit per test: 2 seconds
memory limit per test: 512 megabytes
input: standard input
output: standard output

Given an array of n and a number d . Your task is to find a segment of length at least d , on which the arithmetic mean of the elements is maximum possible.

Input

The first line contains two integers n and d ($1 \leq d \leq n \leq 10^5$). The next line contains n integers a_i , the elements of array ($0 \leq a_i \leq 100$).

Output

Print two integers, indices of the first and last elements of the required segment (elements are numbered starting from 1).

Example

input	Copy
6 2 3 1 8 5 7 2	
output	Copy
3 5	

→ Submit?

Language: GNU G++20 13.2 (64 bit, win

Choose file: Choose File No file chosen

Submit

