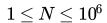
# Mock CCO '18 Contest 1 Problem 3 - A Segment Tree Problem

Given a 1-indexed array of N integers, consider all subarrays of size M. A subarray is good if the range of the subarray is at most C. Compute all good subarrays.

#### **Constraints**



$$1 \le M \le 10^4$$

$$0 < C < 10^4$$

$$0 \le l_i \le 10^6$$

### **Input Specification**

The first line will contain three space-separated integers, N, M, and C.

The next line contains N space-separated integers, the  $l_i$  in order comprising the list.

# **Output Specification**

Output, on separate lines, all starting indices of good subarrays. Print exactly one per line, and print them in increasing order.

If no subarrays are good, output NONE.

### Sample Input

7 2 0 0 1 1 2 3 2 2

# Sample Output

2