B. Prison Transfer

time limit per test: 1 second
memory limit per test: 256 megabytes
input: standard input
output: standard output

The prison of your city has n prisoners. As the prison can't accommodate all of them, the city mayor has decided to transfer c of the prisoners to a prison located in another city.

For this reason, he made the n prisoners to stand in a line, with a number written on their chests. The number is the severity of the crime he/she has committed. The greater the number, the more severe his/her crime was.

Then, the mayor told you to choose the c prisoners, who will be transferred to the other prison. He also imposed two conditions. They are,

- The chosen c prisoners has to form a contiguous segment of prisoners.
- Any of the chosen prisoner's crime level should not be greater then t. Because, that will make the prisoner a severe criminal and the mayor doesn't want to take the risk of his running away during the transfer.

Find the number of ways you can choose the c prisoners.

Input

The first line of input will contain three space separated integers n $(1 \le n \le 2 \cdot 10^5)$, t $(0 \le t \le 10^9)$ and c $(1 \le c \le n)$. The next line will contain n space separated integers, the i^{th} integer is the severity i^{th} prisoner's crime. The value of crime severities will be non-negative and will not exceed 10^9.

Output

Print a single integer — the number of ways you can choose the c prisoners.

Examples

input
4 3 3 2 3 1 1

output
2

input
1 1 1 2

output
0

input
11 4 2 2 2 0 7 3 2 2 4 9 1 4

output
6