B. Prison Transfer

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 $(1 \leq n \leq 2 \cdot 10^5)$, t $(0 \leq t \leq 10^9)$ and c $(1 \leq c \leq n)$. The next line will contain n space separated integers, the ith 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
```

```