

<https://course.acciojob.com/idle?question=fc69347d-a3b9-44be-84b5-7f2129036e4c>

● EASY

● Max Score: 30 Points

A Contest

A Contest is held and a total of N participants took part in the contest. You are already given the scores of the participants in the form of an array (of size N).

The contestant who has a score greater than or equal to the score of the K -th Participant (where $K \leq N$) will advance to the next round, as long as the contestant has a positive score.

Calculate the total number of participants who will advance to the next round.

Input

The first line of the input contains two integers N and K separated by a single space.

The second line contains N space-separated integers representing the array.

Output

Print the number of participants who advance to the next round.

Example 1

Input

```
8 5
10 9 8 7 7 7 5 5
```

Output

6

Explanation

10, 9, 8, 7, 7, 7 are greater than or equal to 7.

Example 2

Input

```
4 2
0 0 0 0
```

Output

0

Explanation

None of the participants has a positive score.

Constraints

$1 \leq K \leq N \leq 10^5$

$-10^6 \leq a[i] \leq 10^6$

Topic Tags

- **Arrays**

My code

```
// n java
import java.util.*;
import java.lang.*;
import java.io.*;
```

```

public class Main
{
    public static void main (String[] args) throws
java.lang.Exception
    {
        //System.out.println("Hello World");
        Scanner s=new Scanner(System.in);
        int n =s.nextInt();
        int k=s.nextInt();
        int c=0;
        int arr[]=new int[n];
        for(int i=0;i<n;i++)
            arr[i]=s.nextInt();
            int a=arr[k-1];
        for(int i=0;i<n;i++)
        {
            if(arr[i]>=a && arr[i]>0)
                c=c+1;
        }
        System.out.print(c);
    }
}

```