

158A – Next Round

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1 Problem

Problem Description : <https://codeforces.com/problemset/problem/158/A>

2 Objective

Calculates how many participants will advance to the next round, where the minimum score is determined from the score of one participant with a ranking determined by the user.

Example :

If the third ranked participant is the limit for qualifying, then participants whose score is more or equal to the score of the third ranked participant can pass to the next stage.

3 Solution

The solution is carried out using brute force techniques and the list of participants with their points will be stored in an array. Limit ps will be set to pass and then at each iteration a check will be made to find out how many points are greater than the limit points.

At the end, it was printed that there were many qualified participants.

4 Code

```
#include <bits/stdc++.h>
#include <iostream>
#include <vector>
#include <algorithm>
#include <cmath>
using namespace std;

int main() {
    int n,k;
    cin>>n>>k;
    int arr[n];
    int ans=0;
    for(int i=0;i<n;i++){
```

```
        cin>>arr[i];
    }
    int poinK=arr[k-1];
    for(int i=0;i<n;i++){
        if(arr[i]>=poinK && arr[i])
            ++ans;
    }
    cout<<ans;
    return 0;
}
```