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GeeksforGeeks Practice (/) BETA

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/ Count of Subarrays

Count of Subarrays

SolvedBy : 169 (solvedby.php?pid=268) Accuracy : 45.8

array   (tag-page.php?tag=array&isCmp=0)   dp   (tag-page.php?tag=dp&isCmp=0)

Given an array of N positive integers a1, a2 .... an.
The value of each contigious subarray in given array is the maximum element present in that subarray. Return the number of subarrays having value strictly greater than K.

Input:

The first line of the input contains 'T' denoting the total number of testcases.Then follows the description of testcases.
The first line of each testcase contains two space separated positive integers N and K denoting the size of array and the value of K. The second line contains N space separated positive integers denoting the elements of array.

Output:

Output the number of subarrays having value strictly greater than K.

Constraints:

1<=T<=50
1<=N<=100
1<=a[i]<=10^5

Example:

```
Input:
2
3 2
3 2 1
4 1
1 2 3 4

Output:
3
9
```

For More Examples Use Expected Output

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(http://www.geeksforgeeks.org/how-to-begin-with-competitive-programming/)and How to Pick
a Category? (http://www.practice.geeksforgeeks.org/pickACategory.php)

C(gcc 4.8.4)	C++(gcc 4.8.4)	Java(1.8)	Python(2.7)

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```
1  #include <stdio.h>
2
3  int main() {
4      //code
5      return 0;
6  }
```

Result:

Submit   Test   Expected Output   Save Code

Editorial (editorial.php?pid=268)

ALL SUBMISSIONS OF THIS PROBLEM   (submissions.php?
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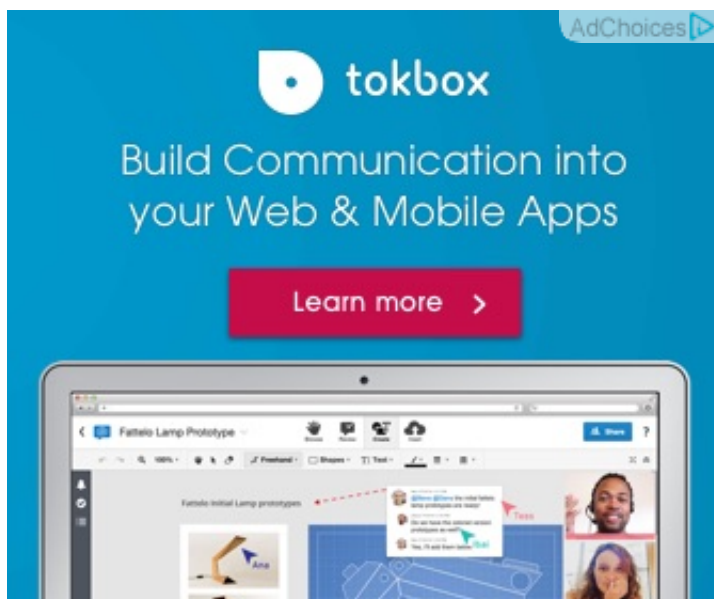
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generate link and share the link here.**

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<tr><td>1</td><td align="center">张昆玮 (user-profile.php?user=张昆玮)</td><td>1518</td></tr>
<tr><td>2</td><td align="center">vishu5090 (user-profile.php?user=vishu5090)</td><td>1289</td></tr>
<tr><td>3</td><td align="center">kulli_d_coder (user-profile.php?user=kulli_d_coder)</td><td>1161</td></tr>
<tr><td>4</td><td align="center">sanjaykumar9 (user-profile.php?user=sanjaykumar9)</td><td>1136</td></tr>
<tr><td>5
1261</td><td align="center">Aditya Goyal (user-profile.php?user=Aditya Goyal)
shubhpy (user-profile.php?
user=shubhpy)</td><td>1124
101</td></tr>
<tr><td colspan="3" align="right">More>> (ranking.php)</td></tr>
</table>

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Snapdeal (tag-page.php?tag=Snapdeal&isCmp=1)

Flipkart (tag-page.php?tag=Flipkart&isCmp=1)

More>> (tags.php)

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My Submissions (submissions.php?pid=-1&isAll=0&isProPage=0&offset=0)

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string (tag-page.php?tag=string&isCmp=0)

dp (tag-page.php?tag=dp&isCmp=0)

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