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| **Mangalyaan-2**    Problem code: ACM14AM1 | * [SUBMIT](https://www.codechef.com/submit/ACM14AM1) * [MY SUBMISSIONS](https://www.codechef.com/status/ACM14AM1,nacho0monllor) * [ALL SUBMISSIONS](https://www.codechef.com/status/ACM14AM1) |

**All submissions for this problem are available.**

After the huge success of Mangalyaan this year, the ISRO (Indian Space Research Organization) is planning to launch a manned mission to Mars named Mangalyaan-2, in 2015. They obviously would want to select the best astronauts for this space mission. ISRO's research team has examined **N** available astronauts and computed a fitness score for each of them. It has been decided that astronauts with fitness score greater than or equal to a threshold score **P**, are eligible for the mission.

Can you report the number of eligible astronauts?

**Input**

The first line contains an integer **T** denoting the number of test cases.

Then for each test case, the first line contains two space separated integers **N** and **P** denoting number of astronauts and the threshold score respectively.

The second line of each test case contains N space-separated integers **A1**, **A2**, ..., **AN** denoting the fitness scores of the astronauts.

**Note**: All fitness scores are distinct and are given in descending order.

**Output**

For each test case, output the number of astronauts eligible for the mission on a separate line.

**Constraints**

* **1** ≤ **T** ≤ **100**
* **1** ≤ **N** ≤ **100**
* **1** ≤ **P** ≤ **1000**
* **1** ≤ **Ai** ≤ **1000**

**Example**

**Input:**

3

3 10

7 3 1

3 5

7 3 1

3 1

7 3 1

**Output:**

0

1

3

**Explanation**

In the first case, no astronauts are selected as none of them have fitness score greater than or equal to 10.

In the second case, the astronaut with score 7 is selected.

In the third case, all astronauts are selected.

<https://www.codechef.com/problems/ACM14AM1>

#include <iostream>

#include <stdio.h>

using namespace std;

int main() {

    int t ;

    scanf("%d", &t);

    while (t--){

        int n,p;

        scanf("%d %d", &n, &p);

        int fitness[n];

        int i;

        for( i =0; i<n; i++) {

            scanf("%d", &fitness[i]);

        }

        //int n = 3, p = 1;

        //int[] fitness = {7, 3 ,1};

         i = 0;

        int answer = 0;

        while (i < n && fitness[i] >= p ) {

            i++;

            answer++;

        }

        // 7 3 1

        printf("%d**\n**",answer);

    }

 return 0;

}