Problem Link:

<https://codeforces.com/problemset/problem/2014/A>

Solution:

* **#include** <bits/stdc++.h>
* **using** **namespace** std;
* **int** main() {
* **int** t;
* cin >> t;
* **while**(t--)
* {
* **int** n, k, r = 0, c = 0;
* cin >> n >> k;
* **vector<int>** a(n);
* **for**(**int** i = 0; i < n; i++)
* {
* cin >> a[i];
* }
* **for**(**int** i = 0; i < n; i++)
* {
* **if**(a[i] >= k)
* {
* r += a[i];
* }
* **else** **if**(a[i] == 0 && r > 0)
* {
* r--;
* c++;
* }
* }
* cout << c << **"\n"**;
* }
* **return** 0;
* }