Problem Link:

<https://codeforces.com/problemset/problem/1850/D>

Solution:

* **#include** <bits/stdc++.h>
* **using** **namespace** std;
* **int** main() {
* **int** t;
* cin >> t;
* **while**(t--) {
* **int** n, k;
* cin >> n >> k;
* **vector<int>** v(n);
* **for**(**int** i = 0; i < n; ++i)
* cin >> v[i];
* sort(v.begin(), v.end());
* **int** m = 1, c = 1;
* **for**(**int** i = 1; i < n; ++i)
* {
* **if**(v[i] - v[i - 1] <= k)
* {
* c++;
* }
* **else**
* {
* m = max(m, c);
* c = 1;
* }
* }
* m = max(m, c);
* cout << n - m << **"\n"**;
* }
* **return** 0;
* }