Problem Link:

<https://codeforces.com/problemset/problem/758/A>

Solution:

* **#include** <bits/stdc++.h>
* **using** **namespace** std;
* **int** equalize\_welfare(**int** n, **vector<int>**& a)
* {
* **int** max\_welfare = \*max\_element(a.begin(), a.end());
* **int** total\_cost = 0;
* **for**(**int** i = 0; i < n; i++)
* {
* total\_cost += max\_welfare - a[i];
* }
* **return** total\_cost;
* }
* **int** main() {
* **int** n;
* cin >> n;
* **vector<int>** a(n);
* **for**(**int** i = 0; i < n; i++)
* {
* cin >> a[i];
* }
* cout << equalize\_welfare(n, a) << endl;
* **return** 0;
* }