**Задача A**

#include <iostream>

using namespace std;

int main() {

int n, m;

cin >> n >> m;

cout << n + m - 2 << endl;

}

**Задача B**

#include <iostream>

using namespace std;

int main() {

int x, y, z;

cin >> x >> y >> z;

cout << x \* x + y \* y + z \* z << endl;

}

**Задача C**

#include <iostream>

using namespace std;

int main() {

int A, B, C;

cin >> A >> B >> C;

cout << (B - C <= A ? "YES\n" : "NO\n");

}

**Задача D**

#include <iostream>

using namespace std;

int main() {

int A, B, C;

cin >> A >> B >> C;

if ((A + B + C) % 3 != 0) {

cout << "-1\n";

}

else {

int avg = (A + B + C) / 3;

cout << (abs(A - avg) + abs(B - avg) + abs(C - avg)) / 2 << "\n";

}

}

**Задача E**

#include <iostream>

#include <string>

using namespace std;

int main() {

int n, cur = 0; cin >> n;

string s; cin >> s;

int po[n + 1];

for (int i = 0; i < n; i++)

po[i] = (s[i] == 'R');

for (int i = 0; i < n; i++, cur++) {

if (cur % 2 == 0) {

if (po[i])

cur++;

}

else if (!po[i])cur++;

}

cout << cur;

}

**Задача F**

#include <iostream>

#include <string>

using namespace std;

int main() {

int n, F = 0; cin >> n;

string s; cin >> s;

while (s[F] != '1') { F++; }

int S = F + 1;

while (s[S] != '1') { S++; }

if ((S - F + 1) % 2 == 0) {

cout << F + 1 << " " << S + 1; return 0;

}

if (F != 0) {

F--;

if (s[F] == '1')cout << F + 1 << " " << F + 2;

else cout << F + 1 << " " << S + 1;

}

else {

S++;

if (s[S] == '1') cout << S << " " << S + 1;

else cout << F + 1 << " " << S + 1;

}

}

**Задача G**

#include <iostream>

#include <vector>

#include <algorithm>

using namespace std;

int main() {

int n; cin >> n;

vector<int>v, a(n);

for (int i = 0; i < n; i++) cin >> a[i];

sort(a.begin(), a.end());

int l = 0, r = n - 1;

bool f = 0;

while (l < r) {

if (f) {

v.push\_back(a[l]);

l++;

}

else {

v.push\_back(a[r]);

r--;

}

f = 1 - f;

}

v.push\_back(a[l]);

for (int i = 0; i < n; i++)

cout << v[i] << " ";

}

**Задача H**

#include <iostream>

#include <vector>

using namespace std;

int mp1[(int)1e6 + 10], mp[(int)1e6 + 10];

int32\_t main() {

int n; cin >> n;

vector<int> a(n + 1);

for (int i = 1; i <= n; i++) cin >> a[i];

int t1 = 0, t2 = 0, re = n;

for (int i = 1; i <= n / 2; i++) {

if (a[i] == a[n - i + 1]) { mp1[a[i]]++; t1++; }

else { mp[a[i]]++; mp[a[n - i + 1]]++; t2++; }

}

for (int i = 1; i <= n; i++) {

int q = 2 \* mp1[a[i]] + 2 \* mp[a[i]];

if (q >= (n + 2) / 2) re = min(re, t2);

else {

int to = (n + 2) / 2 - q, t3 = t2 - mp[a[i]];

t3 \*= 2; to = to + to % 2;

if (t3 + q >= (n + 2) / 2) re = min(re, mp[a[i]] + to + (t3 - to) / 2);

else {

int res = mp[a[i]] + t3;

q += t3; to = (n + 2) / 2 - q;

to = to + to % 2; re = min(re, res + to);

}

}

}

cout << re;

}