

# Easy Transform

locked

Problem	Submissions	Leaderboard	Discussions
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Submitted a day ago • Score: 100.00

Status: Accepted

✓	Test Case #0	✓	Test Case #1	✓	Test Case #2
✓	Test Case #3	✓	Test Case #4	✓	Test Case #5
✓	Test Case #6	✓	Test Case #7	✓	Test Case #8
✓	Test Case #9	✓	Test Case #10	✓	Test Case #11
✓	Test Case #12	✓	Test Case #13	✓	Test Case #14
✓	Test Case #15				

## Submitted Code

Language: C++20

Open in editor

```
1 // HEADERS AND NAMESPACE
2 #include <bits/stdc++.h>
3 using namespace std;
4
5 // CONSTANTS
6 const int mod = 1000000007;
7 // const int mod = 998244353;
8
9 // COMMONLY USED TYPES
10 typedef long long ll;
11 typedef long double ld;
12 typedef vector<int> vi;
13 typedef vector<ll> vll;
14 typedef pair<int, int> pi;
15 typedef pair<ll, ll> pl;
16 typedef vector<pi> vpi;
17 typedef vector<pl> vpl;
18
19 // LOOPS
20 #define FOR(i, l, r) for (ll i = l; i <= (r); i++)
21 #define F0R(i, n) for (ll i = 0; i < (n); i++)
22 #define FORd(i, a, b) for (ll i = (b)-1; i >= a; i--)
23 #define F0Rd(i, a) for (ll i = (a); i >= 0; i--)
24 #define trav(x, a) for (auto &x : a)
25
26 // SHORT HAND
27 #define pb push_back
28 #define mp make_pair
29 #define fi first
30 #define se second
31 #define sz(a) int((a).size())
32 #define fill(x, y) memset(x, y, sizeof(y))
33 #define all(x) (x).begin(), (x).end() // Forward traversal
34 #define endl "\n"
35 #define max(a, b) (a < b ? b : a)
36 #define min(a, b) ((a > b) ? b : a)
37
```

```

38 ll gcd(ll a, ll b)
39 {
40     return b ? gcd(b, a % b) : a;
41 }
42
43 #define watch(x) cout << (#x) << " is : " << (x) << "\n"
44 #define watch2(x, y) cout << (#x) << " is " << (x) << " and " << (#y) << " is " << (y) << "\n"
45
46 // First Variable Needs to be Ans like ans = max(ans,xyz)
47 template <class T>
48 bool ckmin(T &a, const T &b)
49 {
50     return b < a ? a = b, 1 : 0;
51 }
52 template <class T>
53 bool ckmax(T &a, const T &b)
54 {
55     return a < b ? a = b, 1 : 0;
56 }
57 // ----- BE COOL AND FOCUS ON ACCURATE & SIMPLE CODE! -----
58 // -----TEMPLATE ENDS-----
59
60 // All Variables Here
61
62 // All Functions Here
63
64 void solve()
65 {
66     int n;
67     cin >> n;
68     int odd = 0, even = 0, zro = 0;
69     int x;
70     FOR(i, 1, n)
71     {
72         cin >> x;
73         x = abs(x);
74         if (x == 0)
75             zro++;
76         else if (x & 1)
77             odd++;
78         else
79             even++;
80     }
81
82     cout << min(even, odd);
83
84     return;
85 }
86
87 int main()
88 {
89     ios_base::sync_with_stdio(false);
90     cin.tie(0);
91     // If No Test Case, Then Comment it!
92     int tc = 1;
93     // cin >> tc;
94     while (tc--)
95     {
96         solve();
97     }
98     return 0;
99 }
100

```