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solved by 7 / 13

bitwise operation

constructive

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1	AnakGantengNiBos	100
2	Raphela	100
3	zhoelzx	0
4	M_ILHAM	0
5	AhmadRomy	0

Arkavidia 9.0 - Penyisihan CP > K

Submission #3892810

Arkavidia 9.0 - Penyisihan CP / K. Konstruktif

Accepted · AnakGantengNiBos · C++20 · July 14, 2025 at 12:03:35

▶ Sample Test Data Results

▶ Test Data Results

```
1 #include <bits/stdc++.h>
2 using namespace std;
3
4 #define ll long long
5 #define ld long double
6
7 void solve(){
8     int N; cin >> N;
9
10    vector<int> A(N + 1);
11    set<pair<int, int>> st;
12    for(int i = 1; i <= N; ++i){
13        cin >> A[i];
14        st.insert(make_pair(A[i], i));
15    }
16
17    vector<pair<int, int>> answer;
18    for(int i = 1; i <= N; ++i){
19        pair<int, int> cur = *st.begin();
20
21        if(cur.second == i){
22            st.erase(cur);
23            continue;
24        }
25
26        answer.push_back(make_pair(cur.second, i));
27        answer.push_back(make_pair(i, cur.second));
28        answer.push_back(make_pair(cur.second, i));
29
30        st.erase(cur);
31        st.erase(make_pair(A[i], i));
32        st.insert(make_pair(A[i], cur.second));
33        swap(A[i], A[cur.second]);
34    }
35
36    cout << answer.size() << "\n";
37    for(auto elem : answer){
38        cout << elem.first << " " << elem.second << "\n";
39    }
40 }
41
42 int main(){
43     ios_base::sync_with_stdio(0); cin.tie(0); cout.tie(0);
44
45     int tc = 1; //cin >> tc;
46
47     while(tc--){
48         solve();
49     }
50
51     return 0;
52 }
```