25A – IQ Test

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1   Problem

Problem Description : https://codeforces.com/problemset/problem/25/AF

2   Objective

Find out the order of numbers that are different from the others in an odd or even series

3   Solution

In this case, we can define 0 as even, and 1 as odd. When the series has been changed to 0 and 1, the usual if else will be carried out where if there are more 1s, then an even number sequence will be printed, whereas if there are more 0s then an odd number sequence will be printed.*r*

4 Code

```cpp
#include <bits/stdc++.h>
#include <iostream>
#include <vector>
#include <algorithm>
using namespace std;
int main() {
    int n;
    cin >> n;
    int arr[n];

    for (int i = 0; i < n; i++) {
        cin >> arr[i];
        arr[i] = arr[i] % 2;
    }
    int ganjil = count(arr, arr+n, 1);
    if (ganjil > n-ganjil) {
        for (int i = 0; i < n; i++) {
            if (arr[i]==0) {
                cout << i+1;
                break;
            }
        }
    } else {
        for (int i = 0; i < n; i++) {
            if (arr[i]==1) {
                cout << i+1;
                break;
            }
        }

    }
    return 0;
}
```