

Pilha - Problema Clash Royale

```
#include <iostream>
#include <stack>
using namespace std;

int main() {
    int n, i, n1, n2, mE=0, mA=0, num;
    stack<int> eu, ad;
    cin >> n;
    for(i=0;i<n;i++){
        cin >> num;
        eu.push(num);
    }
    for(i=0;i<n;i++){
        cin >> num;
        ad.push(num);
    }
    while(!eu.empty() && !ad.empty()){
        n1 = eu.top();
        n2 = ad.top();
        eu.pop();
        ad.pop();
        if (n1 > n2){
            eu.push(n1-n2);
            mA++;
        }
        else{
            if (n2 > n1){
                ad.push(n2-n1);
                mE++;
            }
            else{
                mA++;
                mE++;
            }
        }
    }
    if (!eu.empty()){
        cout << "Eu " << mE << endl;
    }
    else{
        cout << "Adversario " << mA << endl;
    }
}
```