

# Submission

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pairingsocks.cpp	811 bytes	992cc0183ec211067ab8a83095fd0962e0b204b8	<a href="#">download</a>

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## pairingsocks.cpp

```
1 #include <bits/stdc++.h>
2
3 using namespace std;
4
5 void pairing_socks(vector<int> arr){
6     int movimientos = 0;
7     vector<int> aux;
8     while(!arr.empty()) {
9
10         movimientos++;
11         Help
12         if(aux.empty()) {
13             aux.push_back(arr.back());
```

```

14         arr.pop_back();
15         continue;
16     }
17
18     if(arr.back() == aux.back()) {
19         arr.pop_back();
20         aux.pop_back();
21         continue;
22     }
23
24     aux.push_back(arr.back());
25     arr.pop_back();
26 }
27
28 if(aux.empty())
29     cout<<"movimientos"<<endl;
30 else
31     cout<<"impossible"<< endl;
32 }
33
34 int main(){
35
36     //Entrada
37     int s;
38     cin>>s;
39     vector<int> arr (2*s);
40
41     for(int i=0; i<2*s; i++)
42         cin>>arr[i];
43
44     pairing_socks(arr);
45     return 0;
46 }

```