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SOURCE CODE

EDIT & SUBMIT

VISUALIZE THE SOURCE CODE OF YOUR SUBMISSION, PLUS SOME EXTRA DETAILS.

SUBMISSION # 25382305

PROBLEM:	1259 - Even and Odd
ANSWER:	**Accepted**
LANGUAGE:	C++17 (g++ 7.3.0, -std=c++17 -O2 -lm) [+0s]
RUNTIME:	0.555s
FILE SIZE:	661 Bytes
MEMORY:	-
SUBMISSION:	10/21/21, 4:47:02 AM

LIVE

What others are solving.

LIST

List all your submissions.

TRIED

Problems not solved yet.

FAQS

Need help using the tool?

ANSWERS

What does this mean?

SOURCE CODE

```
1   #include <bits/stdc++.h>
2
3   using namespace std;
4
5
6   vector<int> EvenAndOdd(vector<int> &S){
7
8       sort(S.begin(), S.end());
9       stack<int> pila;
10      queue<int> cola;
11      for(int n:S){
12          if(n%2==0)
13              cola.push(n);
14          else
15              pila.push(n);
16      }
17
18      vector<int> resultado;
19
20      while(!cola.empty()){
```

```
23          }
24
25          while(!pila.empty()){
26              resultado.push_back(pila.top());
27              pila.pop();
28          }
29
30
31          return resultado;
32      }
33
34
35      int main(){
36
37          int n;
38          cin>>n;
39          vector<int> S(n);
40          for(int i=0; i<n; ++i){
41              cin>>S[i];
42          }
43
44          vector<int> resp = EvenAndOdd(S);
45          for(int n:resp)
46              cout<<n<<endl;
47
48
49          return 0;
50      }
```