



STUDENT REPORT

DETAILS

Name

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Roll Number

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EXPERIMENT

Title

SORTING ODD AND EVEN ELEMENTS

Description

You have given an array of integers. Your task is to write a program to sort the elements such that all even elements appear first, followed by all odd elements, while maintaining the relative order of even and elements.

Input:

An integer N ($1 \leq N < 1000$) representing the elements in the array.

N integers a_1, a_2, \dots, a_N ($-10^5 \leq a_i \leq 10^5$) representing the elements of the array

Sample Input:

7

-1 2 -3 4 -5 6 7

Sample Output:

[2, 4, 6, -1, -3, -5, 7]

Source Code:

```
n=int(input())
a=list(map(int,input().split()))
eve=[]
odd=[]
for i in a:
    if i%2==0:
        eve.append(i)
    else:
        odd.append(i)
sortd=eve+odd
print(sortd)
```

RESULT

5 / 5 Test Cases Passed | 100 %