Logo

STUDENT REPORT

DETAILS

Name

A.Padmini

Roll Number

3BR21CS002

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 <= N < 1000) representing the elements in the array.

N integers a1, a2.......aN (-10^5<= ai<=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:

```python
n=int(input())
l=list(map(int,input().split()))
res=[]
for i in l:
    if i%2==0:
        res.append(i)
for i in l:
    if i not in res:
        res.append(i)
print(res)
```

RESULT

5 / 5 Test Cases Passed | 100 %