

Modified Array

Problem

Submissions

You are given an array A of N elements : $a_0, a_1, a_2, \dots, a_{n-1}$

Do the following for every element a_i :

if i is even : $a_i = a_i * 2$

if i is odd : $a_i = a_i / 2$

Print the final array

Input Format

First line contains number N, the size of array A. Second line contains N integers, the elements of array A.

Constraints

$1 \leq N \leq 15$

$1 \leq A \leq 50$

Output Format

Output N numbers, the final array.

Sample Input 0

```
5
2 4 6 8 10
```

Sample Output 0

```
4 2 12 4 20
```

Explanation 0

$a_0 = 2 * 2 = 4$ $a_1 = 4 / 2 = 2$ $a_2 = 6 * 2 = 12$ $a_3 = 8 / 2 = 4$ $a_4 = 10 * 2 = 20$



Contest ends in 1 day 6 hours 17 minutes 39 seconds


Submissions: 957

Max Score: 50

Rate This Challenge:



[More](#)

Current Buffer (saved locally, editable)  

Python 3



```
1 size = int(input())
2 ele = [int(x) for x in input().split()]
3 for i in range(0, len(ele)):
4     if i % 2 == 0:
5         ele[i] *= 2
6     else:
7         ele[i] = int(ele[i]/2)
```

```
8
9 ▼ for i in ele:
10  print(i,end = " ")
```

Line: 10 Col: 23

 [Upload Code as File](#) ☐ Test against custom input

Run Code

Submit Code

[Contest Calendar](#) | [Interview Prep](#) | [Blog](#) | [Scoring](#) | [Environment](#) | [FAQ](#) | [About Us](#) | [Support](#) | [Careers](#) | [Terms Of Service](#) | [Privacy Policy](#) | [Request a Feature](#)