

[All Contests](#) > [stage\\_3](#) > [Alternate Sort\(Zoho Question\)](#)

# Alternate Sort(Zoho Question)

Problem

Submissions

Leaderboard

Discussions

Sort the element in the array alternatively.

**Output Array = First Minimum, First Maximum, Second Minimum, Second Maximum and it goes on**

For Example:

Input: 4 2 1 6 5 3

Output: 1 6 2 5 3 4

**NOTE:** Don't print after finding Min/Max and don't create another array. You should modify the array to the required format

## Input Format

N, Array -> Integer.

## Constraints

$1 \leq N \leq 1000$

$-10000 \leq \text{Array}[i] \leq 10000$

## Output Format

Print the modified array.

## Sample Input 0

```
5
15 45 43 12 29
```

## Sample Output 0

```
12 45 15 43 29
```

## Sample Input 1

```
6
-1 -9 0 5 11 -3
```

## Sample Output 1

```
-9 11 -3 5 -1 0
```

Submissions: 48

Max Score: 100

Difficulty: Medium

Rate This Challenge:

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C

```
1 #include <stdio.h>
2 #include <string.h>
3 #include <math.h>
4 #include <stdlib.h>
5
6 int main() {
7
8     /* Enter your code here. Read input from STDIN. Print output to STDOUT */
9     return 0;
10 }
11
```

Line: 1 Col: 1

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

Run Code

Submit Code