

# All the way up

Problem

Submissions

Leaderboard

Discussions

Write a C Program to arrange the elements in ascending order.

## Input Format

- The first line of input specifies the size of the array.
- The second line of the input refers to the elements of the array.

## Constraints

None

## Output Format

- The output refers to the array after sorting

## Sample Input 0

```
3
12 -2 0
```

## Sample Output 0

```
-2 0 12
```

## Sample Input 1

```
5
7 9 3 2 -10
```

## Sample Output 1

```
-10 2 3 7 9
```

[f](#) [t](#) [in](#)

Submissions: 35

Max Score: 10

Difficulty: Easy

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C



```
1 #include <stdio.h>
2
3 int main()
4 {
5     int n,a[40],i,j,temp;
6     scanf("%d",&n);
7     for(i=0;i<n;i++)
8     {
9         scanf("%d",&a[i]);
10    }
11    for(i=0;i<n-1;i++)
12    {
13        for(j=0;j<n-1-i;j++)
14        {
```

```
15▼         if(a[j]>a[j+1])
16▼         {
17▼             temp = a[j];
18▼             a[j] = a[j+1];
19▼             a[j+1] = temp;
20         }
21     }
22 }
23 for(i=0;i<n;i++)
24▼     printf("%d ",a[i]);
25     return 0;
26 }
27
```

Line: 1 Col: 1

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

Run Code

Submit Code

Testcase 0 

Testcase 1 

**Congratulations, you passed the sample test case.**

Click the **Submit Code** button to run your code against all the test cases.

Input (stdin)

```
3
12 -2 0
```

Your Output (stdout)

```
-2 0 12
```

Expected Output

```
-2 0 12
```