

```
1 //interchange the largest and smallest number in the given array
2 #include <stdio.h>
3
4
5 int main() {
6     int n;
7     scanf("%d",&n);
8     int arr[n];
9     for(int i=0;i<n;i++){
10         scanf("%d",&arr[i]);
11     }
12     int maximum=arr[0];
13     int maxindex=0;
14     int minindex=0;
15     int minimum=arr[0];
16     for(int i=1;i<n;i++){
17         if(maximum<arr[i]){maximum=arr[i];
18             maxindex=i;}
19         if(minimum>arr[i]){minimum=arr[i];
20             minindex=i;}
21     }
22     arr[minindex]=maximum;
23     arr[maxindex]=minimum;
24     for(int i=0;i<n;i++){
25         printf("%d ",arr[i]);
26     }
27
28     return 0;
```

Custom Input

```
5
12 13 14 1 5
```

Status Successfully executed

Date 2021-06-22 03:21:36

Time 0 sec

Mem 9.424 kB

×

Input

```
5
12 13 14 1 5
```

Output

```
12 13 1 14 5
```

Custom Input

```
7
112 133 14 132 5 33 44
```

Status Successfully executed **Date** 2021-06-22 03:23:43 **Time** 0 sec **Mem** 9.424 kB



Input

```
7
112 133 14 132 5 33 44
```

Output

```
112 5 14 132 133 33 44
```

Custom Input

```
4
2 33 4 12
```

Status Successfully executed **Date** 2021-06-22 03:24:30 **Time** 0 sec **Mem** 9.424 kB

×

Input

```
4
2 33 4 12
```

Output

```
33 2 4 12
```