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shariprakashhece ▾

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# Insert an Element

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Problem

Submissions

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Insert an element at it's exact position in the given sorted array.

## Input Format

Inputs(N & new element) should be an Integer.

Array elements are Integer.

## Constraints

 $1 \leq N \leq 10000$  $-10000 \leq \text{arr}[i] \leq 10000$  $-10000$ 

## Output Format

Output should be desired output.

## Sample Input 0

```
5
1 2 3 4 5
6
```

## Sample Output 0

```
1 2 3 4 5 6
```

## Sample Input 1

```
7
1 2 4 5 6 8 9
3
```

## Sample Output 1

```
1 2 3 4 5 6 8 9
```

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Submissions: 60

Max Score: 100

Difficulty: Medium

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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  int arr[100],n,temp,i,turn=1;
10 scanf("%d",&n);
11 for(i=0;i<n;i++)
12 {
13     scanf("%d",&arr[i]);
14 }
15 scanf("%d",&temp);
16 for(i=0;i<n;i++)
17 {
18     if(turn==1 &&temp < arr[i])
19     {
20         printf("%d ",temp);
21         turn=0;
22     }
23     printf("%d ",arr[i]);
24 }
25 if(turn==1)
26     printf("%d",temp);
27 return 0;
28 }
29
```

Line: 1 Col: 1

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