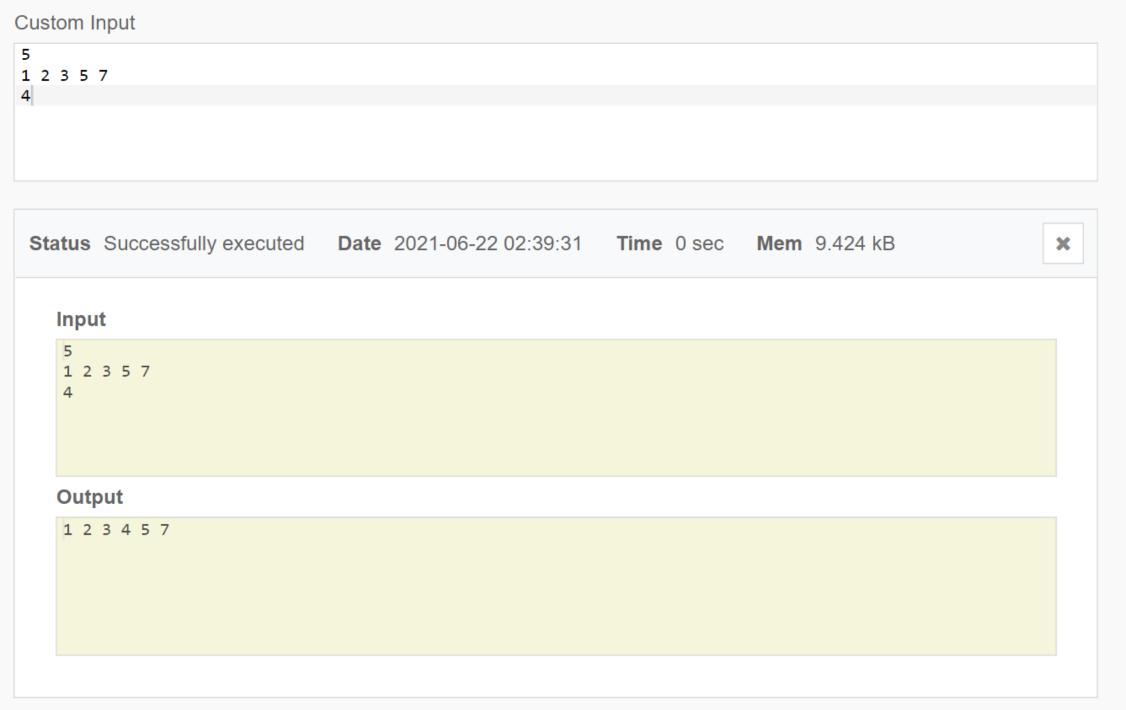
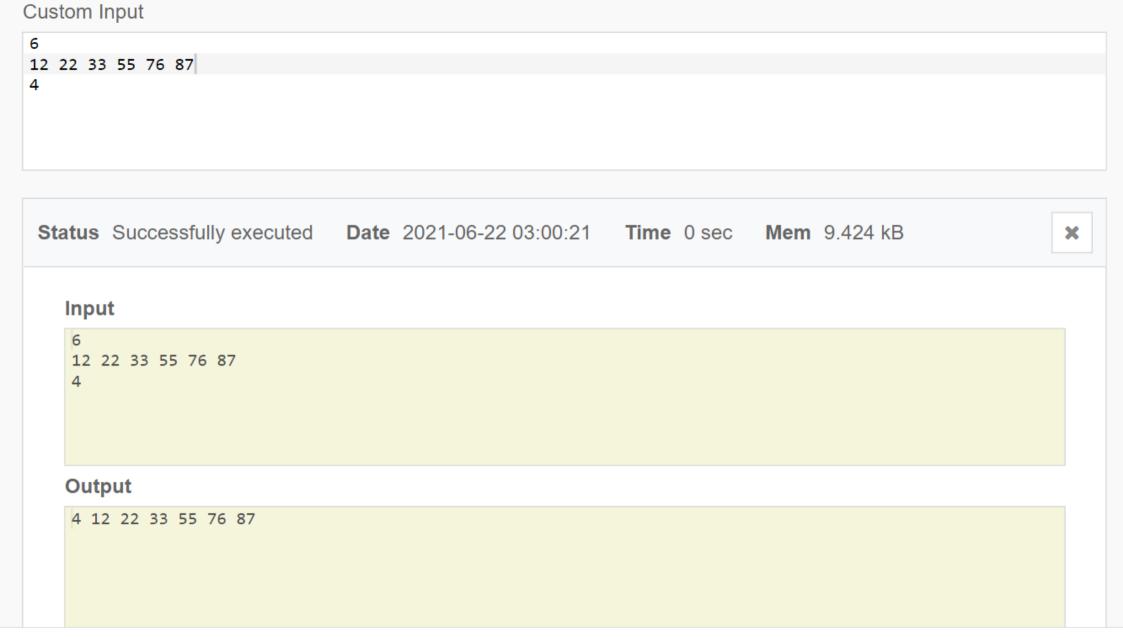
0 C (Gcc 6.3)  $\nabla$ //C Program to insert a number in an array that is already sorted in ascending order. #include <stdio.h> 3 4 ▼ int main() { int arr[10],n,num; 5 scanf("%d",&n); 6 7 \* for(int i=0;i<n;i++){ 8 scanf("%d",&arr[i]); 9 10 scanf("%d",&num); 11 for(int i=0;i<n;i++){ 12 🔻 13 🕶 if(num<arr[i]){</pre> 14 🔻 for(int j=n; j>=i; j--){ 15 arr[j+1]=arr[j]; 16 17 arr[i]=num; 18 n=n+1;19 break; 20 21 22 🔻 for(int i=0; i< n; i++){ printf("%d ",arr[i]); 23 24 25 26 return 0; 27 28





## Custom Input 9 2 12 13 15 16 27 28 29 40 38 Status Successfully executed Date 2021-06-22 03:01:24 Time 0 sec Mem 9.424 kB

## Input

```
9
2 12 13 15 16 27 28 29 40
38
```

## Output

2 12 13 15 16 27 28 29 38 40

.