



Code, Compile &...  
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## Code, Compile & Run

ide

Contest Code/Name (e.g. JULY15/PRACTICE)

Problem Code/Name (e.g. TEST)

Select

C (gcc 63)

Code gets auto saved every second

```
1 #include <stdio.h>
2 void main()
3 {
4     int *a,i,j,tmp,n;
5     printf("\n\n Pointer : Sort an array using pointer :\n");
6     printf("-----\n");
7
8     printf(" Input the number of elements to store in the array : ");
9     scanf("%d",&n);
10
11     printf(" Input %d number of elements in the array : \n",n);
12     for(i=0;i<n;i++)
13     {
14         printf(" element - %d : ",i+1);
15         scanf("%d",&a[i]);
16     }
17     for(i=0;i<n;i++)
18     {
19         for(j=i+1;j<n;j++)
20         {
21             if( *(a+i) > *(a+j))
22             {
23                 tmp = *(a+i);
24                 *(a+i) = *(a+j);
25                 *(a+j) = tmp;
26             }
27         }
28     }
29     printf("\n The elements in the array after sorting : \n");
```

350

Open File

Custom Input

Run

Custom Input

5  
59  
37  
29  
69  
50

Status Runtime error Date 2020-07-19 08:07:13 Time 0 sec Mem 9.424 kB

Input

5  
59  
37  
29  
69  
50

Runtime Error

SIGSEGV



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Contest Code/Name (e.g. JULY15/PRACTICE)

Problem Code/Name (e.g. TEST)

Select

C (gcc 6.3)

Code gets auto saved every second

```
10
11
12 printf(" Input %d number of elements in the array : \n",n);
13 for(i=0;i<n;i++)
14 {
15     printf(" element - %d : ",i+1);
16     scanf("%d",&a[i]);
17 }
18 for(i=0;i<n;i++)
19 {
20     for(j=i+1;j<n;j++)
21     {
22         if( *(a+i) > *(a+j))
23         {
24             tmp = *(a+i);
25             *(a+i) = *(a+j);
26             *(a+j) = tmp;
27         }
28     }
29     printf("\n The elements in the array after sorting : \n");
30     for(i=0;i<n;i++)
31     {
32         printf(" element - %d : %d \n",i+1,*(a+i));
33     }
34     printf("\n");
35 }
36
37
```

Open File

Custom Input

Run

Custom Input

```
5
59
37
29
69
50
```

Status Runtime error Date 2020-07-19 08:07:13 Time 0 sec Mem 9.424 kB

Input

```
5
59
37
29
69
50
```

Runtime Error

SIGSEGV

## Algorithm

Step 1 :- Start

Step 2 :- first element (index = 0) compare the current element with the next element of the array.

Step 3 :- If the current element is greater than the next element of the array, swap them.

Step 4 :- If the current element is less than the next element move to the next element.

Repeat Step 1

Step 5 :- Stop.



Flowchart