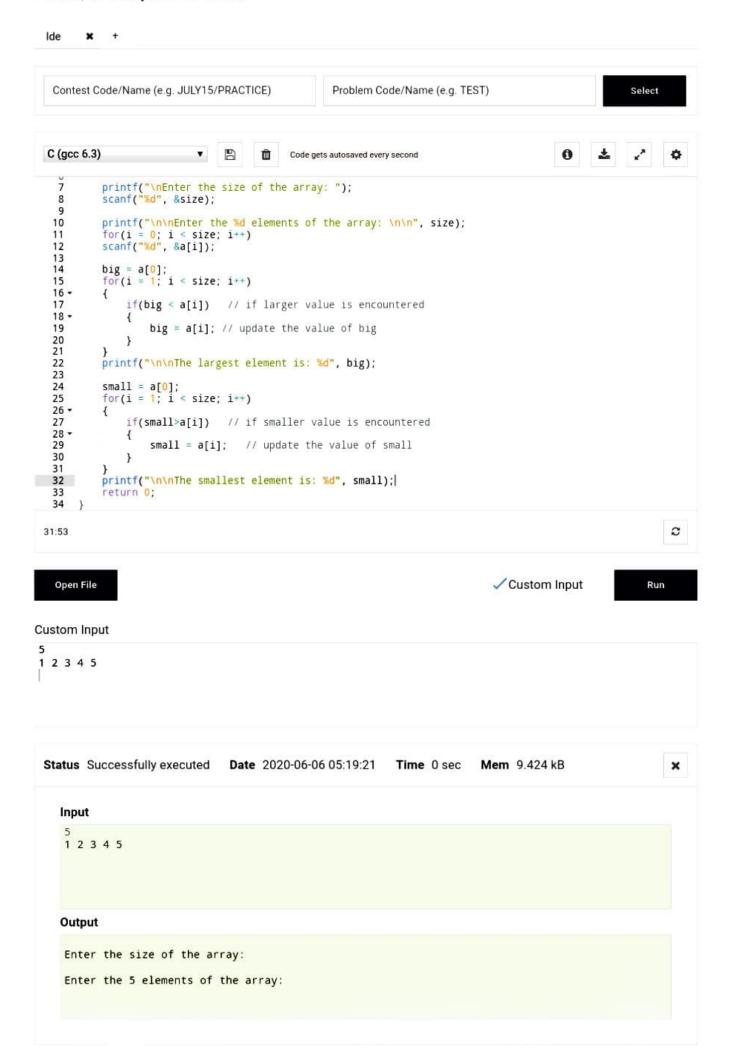
Code, Compile & Run

```
x +
 Ide
   Contest Code/Name (e.g. JULY15/PRACTICE)
                                                      Problem Code/Name (e.g. TEST)
                                                                                                             Select
 C (gcc 6.3)
                             v 🖺
                                         m
                                              Code gets autosaved every second
    1 #include<stdio.h>
       int main()
            int a[50], size, i, big, small;
   6
            printf("\nEnter the size of the array: ");
scanf("%d", &size);
    8
    9
            printf("\n\nEnter the %d elements of the array: \n\n", size);
   10
            for(i = 0; i < size; i++)
scanf("%d", &a[i]);
   11
   12
   13
            big = a[0];
for(i = 1; i < size; i++)
   14
   15
   16 -
                if(big < a[i]) // if larger value is encountered
   17
   18 -
                    big = a[i]; // update the value of big
   19
   20
   21
            printf("\n\nThe largest element is: %d", big);
   22
   23
            small = a[0];
for(i = 1; i < size; i++)</pre>
   25
   26 -
                if(small>a[i]) // if smaller value is encountered
   27
   28 -
                     cmall = atile // undata the value of cmall
                                                                                                                    C
 31:53
                                                                                    Custom Input
                                                                                                               Run
   Open File
Custom Input
1 2 3 4 5
                                                                                                                    ×
                                                                                 Mem 9.424 kB
                                   Date 2020-06-06 05:19:21
                                                                  Time 0 sec
 Status Successfully executed
    Input
     1 2 3 4 5
    Output
     Enter the size of the array:
     Enter the 5 elements of the array:
```

Code, Compile & Run



atus Successfully executed	Date 2020-06-06 05:19:21	Time 0 sec	Mem 9.424 kB	×
Input				
5 1 2 3 4 5				
Outrust				
Output				
Enter the size of the ar	ray:			
Enter the 5 elements of	the array:			



Algorethem

sty 1: start

stip2: read veilue por seze

stip3: Enter the element of addices

bor (i= 0; i < jeg; itt)

read ali]

stip 4: big = a Co].

Slips: for (i=1; iczy; i++)

if (beg < a [i]).

buri = a Ci].

prient the big walu

Slip 6: Small = a Co]

Jun 7: por (i=b, i < sezi; i++)

of (Small > a Ci]).

a Ci] = small.

prient the smallest element.

slip 8: slop.

flow chard Enter way stement Troud ali] ber = a[0] Town their cali] Tous beig = a[i] Pron big walu Small=a[o] belle. (1=1, ic sig balr forall) atiJ=broad reduce