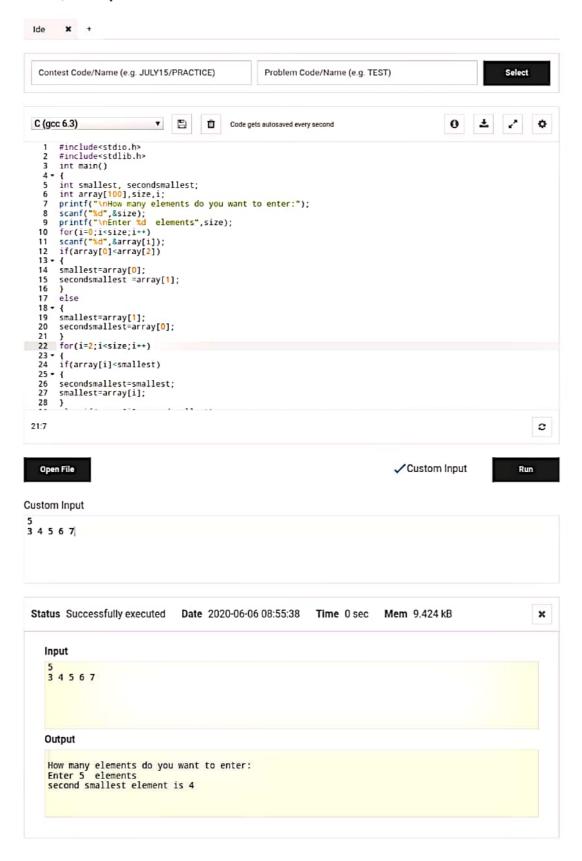
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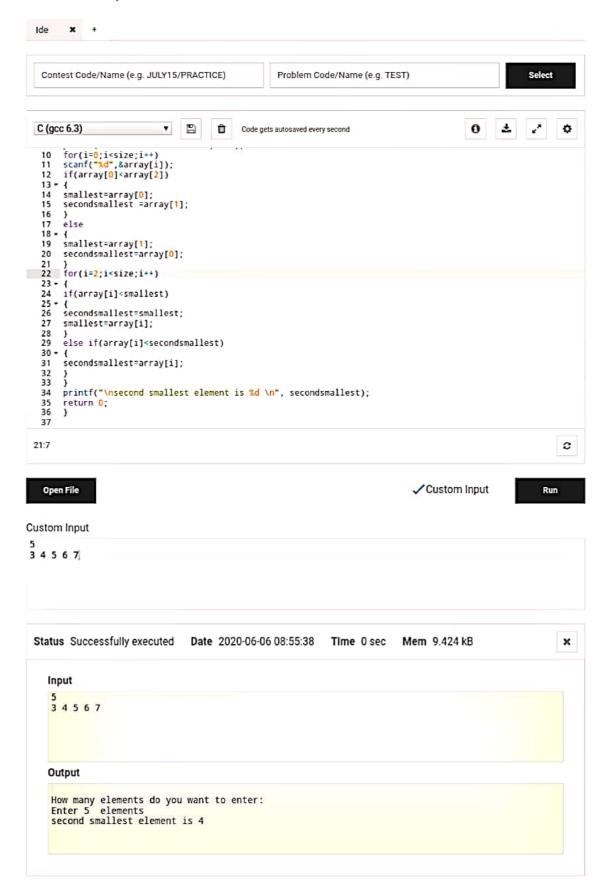


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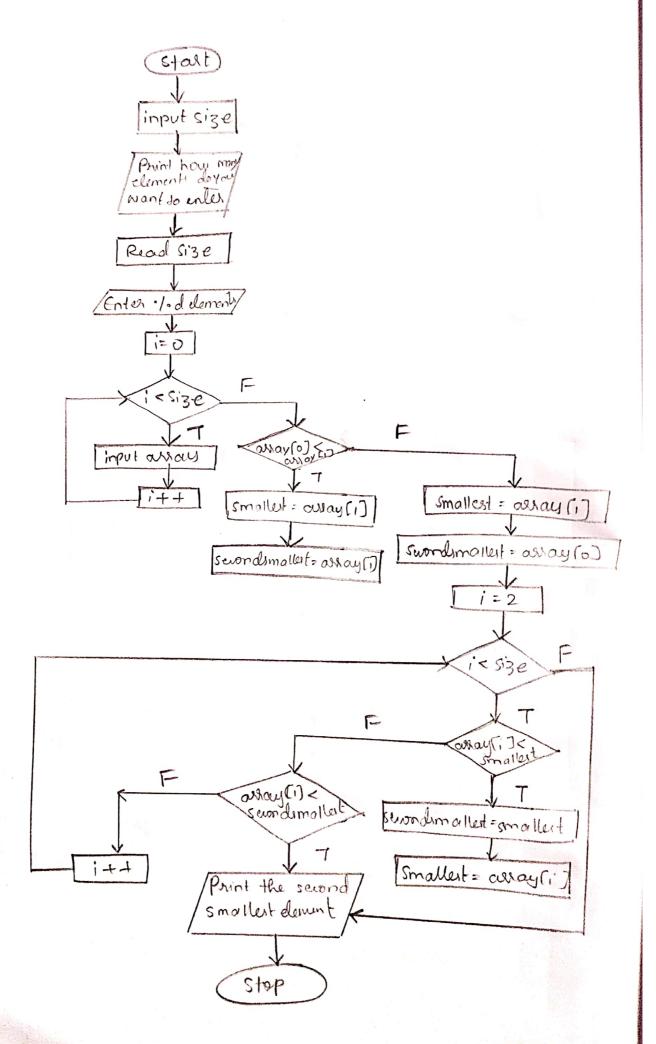
Code, Compile & Run



```
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4AL19CSO70
```

```
i) Algorithm (to find second smallest element in an array)
step1: start
step2: input size
step 3: Display how many elements do you want to enter
step 4: Display enter 1. d'elements
      for (i= 0; i < size; i++)
         input array [1]
 step 5:if (array [o] < array [i])
 Sep51: Smallest = array[0]
 step 5.2: Sevond smallest = array [1]
 step 5.3: go to step 10 & step 11
  step 6: else
          smallest = array [1]
           Swond smallest = array [o]
           goto step 10 and step 11
  Step 7 : for ( i= Q ; i < size ; i++)
  step 8: if (array [i] < Smallest)
          secondsmallest = smallest
           smallest = array [i]
           goto step 10 and step 11
   Step 9: else if (array [i] < Sound smallest)
             second smallest = away[i]
   step 10: Print the second smallest element
    Step 11: Stop.
```

ii) Flouchart



Scarnieu with CamSc