Algorithm

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Step1 : Start

Step2 : Input n

Step3 : Enter the elements

```
for (i=0; i<n; i++)
    input a[i]
```

Step4 :

```
if (a[0]<a[1])
    Small = a[0]
    Second smallest = a[1]
Else
    Small = a[1]
    Second smallest = a[0]
```

step5 :

```
for (i=2; i<n; i++)
    if (a[i] < Small)
        Second smallest = Small
        Small = a[i]
    Else if (a[i] < second smallest)
        Second smallest = a[i]
```

Step6 : Display second smallest Elements is output second smallest

Step7 : Stop.

flow chart