

5/6/20

## To find Smallest & largest element

Date

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### Algorithm

Step 1. Start

Step 2. input  $n, a[50]$

Step 3. Display how many elements

Step 4. Display Inter array elements

for ( $i = 0, i < n, i++$ )  
input  $a[i]$

Step 5.  $large = small = a[0]$

Step 6. for ( $i = 0, i < n, i++$ )

Step 6.1 if ( $a[i] > large$ )

6.1.1  $large = a[i]$

Step 6.2 if ( $a[i] < small$ )

6.2.1  $small = a[i]$

Step 7. print the largest element

Step 8. print the smallest element

Step 9. Stop.

# Flow chart :

