GAYATHRI

4AL19CS035

Algorithm

Step1: Start

Step2: Input n

Step3: Display Enter the Elements of array

for $(p=0; p<n; p++)$

Input $a[p]$

Step4: $big = a[0]$

Step5: for $(p=1; p<n; p++)$

if $(big < a[p])$

$big = a[p]$

Step6: Display the largest Element is

Step7: $small = a[0]$

Step8: for $(p=1; p<n; p++)$

if $(small > a[p])$

$small = a[p]$

Step9: Display The smallest Element is

Step10: Stop

Flowchart

Start

Input n

Enter the Elements of array
Input a[P]

big = a[0]

b. for(P=1; P<n; P++

if(big<a[P])

False   True

big = a[P]

Largest Element is

Small = a[0]

for(P=1; P<n; P++

if(small>a[P])

False   True

small = a[P]

Smallest Element is

Stop