**ALGORITHM**

Step1: Start

Step2: Declare the size of the array n.

Step 3: Read the size of the array n.

Step4: Declare the elements.

Step5: Read the elements.

Step6: Assign the minimum least values to l1 and l2.

Step7: IF(a[I]>l1)

l2=l1

l1=a[i]

ELSE IF(a[i]>l2&&a[i]<l1)

l2=a[i]

Step8: Display the result

Step9: Stop