**Algorithm to find the second largest number**

Step 1:Declare the number of elements and read it.

Step 2: Declare and read the array size at runtime.

Step 3: Enter the items of the array.

Step 4: Sort the numbers by decreasing value.

Step 5: Next, use an index to get the second-largest and second-smallest numbers.

Step 6 :Print the second-largest and second-smallest figures.