## Algorithm

Given below is an algorithm to find the second largest and the second smallest numbers in an array −

****Step 1**** − Declare and read the number of elements.

****Step 2**** − Declare and read the array size at runtime.

****Step 3**** − Input the array elements.

****Step 4**** − Arrange numbers in descending order.

****Step 5**** − Then, find the second largest and second smallest numbers by using an index.

****Step 6**** − Print the second largest and the second smallest numbers.