Algorithm to find second largest number:

1.Initialize two variables ‘largest’, ’second\_largest’ to smallest possible integer values.

2.Loop through array and compare each element with ‘largest’ variable.

If the element > ‘largest’

‘second\_largest’=’largest’

‘largest’ = ‘second\_largest’

Else if ‘largest’ >element>’second\_largest’

‘second\_largest’ = element

3.return ‘second\_largest’

Flowchart:

