

GAYATHRI

4AL19CS035

Algorithm

Step 1: Start

Step 2: Input n

Step 3: Enter the Elements

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

Input array[c]

Step 4: for ($c=0; c < n-1; c++$)

for ($d=0; d < n-c-1; d++$)

if ($b.array[d] > b.array[d+1]$)

Swap = $b.array[d]$

$b.array[d] = b.array[d+1]$

$b.array[d+1] = \text{Swap}$

Step 5: Sorted Array

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

Output $b.array[c]$

Step 6: Stop

Flowchart

