

GAYATHRI

4AL19CS035

Algorithm

Step 1: Start

Step 2: Input n

Step 3: Display Enter the array Elements

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

output ($arr[i]$)

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

pos = i

for ($j=i+1$; $j < n$; $j++$)

if ($*arr[pos] > *arr[j]$)

pos = j

if (pos != i)

temp = $*arr[i]$

$*arr[i] = *arr[pos]$

$*arr[pos] = temp$

Step 5: Display Sorted Elements

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

output $*arr[i]$

Step 6: Stop

Flowchart

Flowchart

