

C program to implement bubble sort using pointers.

Algorithm:

Step 1 : START

Step 2 : Declare int $*a[50]$, n , i , j , $*temp$

Step 3 : Read n value

Step 4 : Read n no of integers using for loop

Step 5 : logic for bubble sort

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

for($j=0$; $j<n-i-1$; $j++$)

{

if ($a[j] > a[j+1]$)

$*temp = *a[j]$

$*a[j] = *a[j+1]$

$*a[j+1] = *temp$

Step 6 : Display bubble sort using for loop

Step 7 : STOP

Flowchart: