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Implement bubble sort using pointers.

Algorithm.

1. Start

2. Declare int *a[50], n, i, j, *temp

3. Read n value

4. Read n no of integers using for loop

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

6. Display bubble sort using for loop.

7. Stop

Flowchart

```
                    ( Start )
                        |
                        v
    +-------------------------------------------+
    | Declare int *a[50], n, i, j, *temp        |
    +-------------------------------------------+
                        |
                        v
    +-------------------------------------------+
    |  Read n value                             |
    |  Read n no. of integers using             |
    |         for loop.                         |
    +-------------------------------------------+
                        |
                        v
    <----< for (i=0; i<n; i++) >----------------------+
    |  F            |                                 |
    |               v T                               |
    |     < for (j=0; j<n-i-1; j++) >                 |
    |  F            |                                 |
    |               v T                               |  F
    |         /           \                           |
    <--------<  if          >                         |
    |         \ (a[j] > a[j+1]) /                      |
    |          \           /                          |
    |               |                                 |
    |               v T                               |
    |     +-------------------------+                 |
    |     |  *temp = *a[j]          |                 |
    |     |  *a[j] = *a[j+1]        |                 |
    |     |  *a[j+1] = *temp        |                 |
    |     +-------------------------+                 |
    |               |                                 |
    |               v                                 |
    +----> / Display sorted elements /<---------------+
                    |
                    v
                ( Stop )
```