9/1/20 C prog to implement bubble sort using pointers.

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.

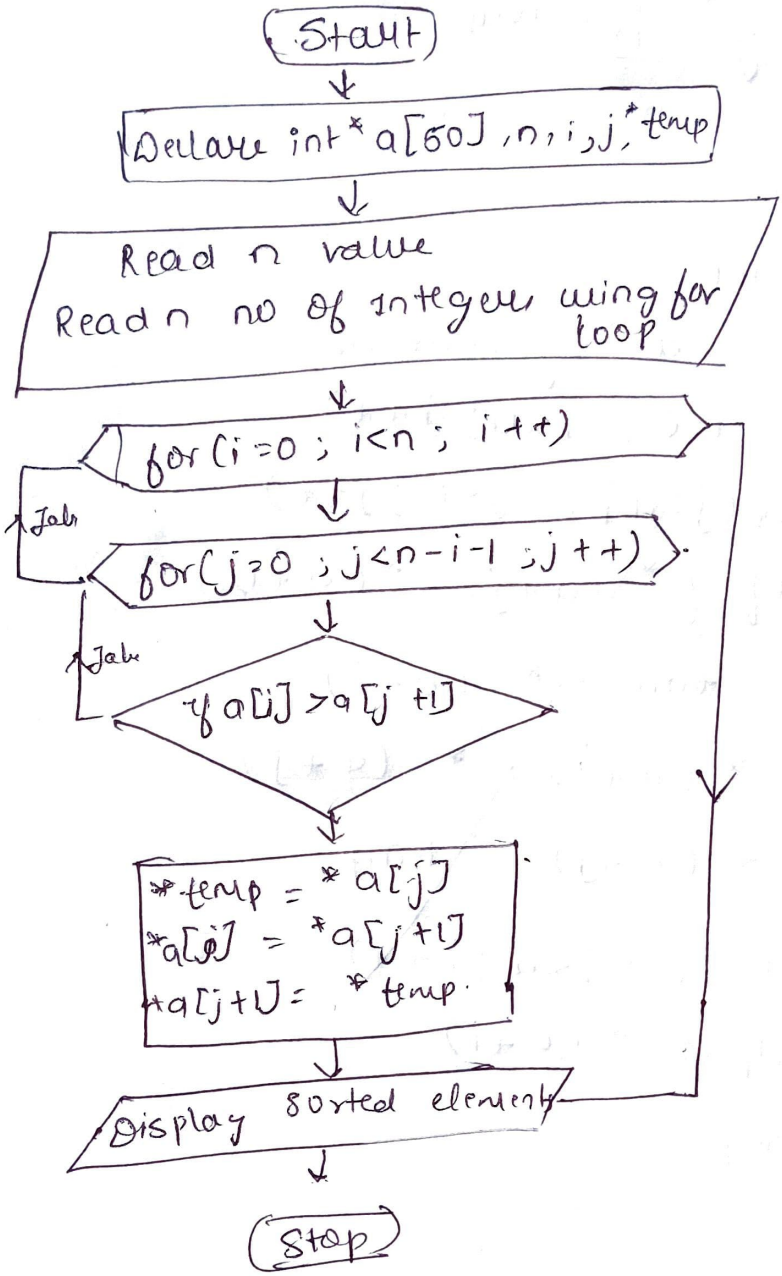
Step 5: Logic for bubble sort

```
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] = * [aj+1];
    * a[j+1] = * temp.
```

Step 6: Display bubble sort using for loop.

Step 7: Stop.

Flow chart


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