Compile Result

```
Enter number of elements
5
Enter 5 integers
1
3
4
5
6
Sorted list in ascending order:
1
3
4
5
6

[Process completed - press Enter]
```

Step1: Start

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

Step3: Read n Value

Step4: Read n no: of integers using for loop

Step5: 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

Step6: Display Bubble Sort using for loop.

Step7: Stop.

```
                              ( 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++)
                          | T
              for(j=0; j<n-i-1; j++
                          | T
              if (a[j] > a[j+1]
                          | T
              *temp = *a[j]
              *a[i] = *a[j+1]
              *a[j+1] = *temp
                          |
              Display Sorted Elements
                          |
                      ( Stop )
```