

Here is the illustration of recursive bubble sort.

```
1 void recursive_bubble(int arr[], int &size)
2 {
3     if(size==1)
4     {
5         return;
6         /*Use "return" in external function,
7         not return 0 or anything else.*/
8     }
9
10    for(int i=0; i<size-1; i++)
11    {
12        if(arr[i]>arr[i+1])
13        {
14            swap(arr[i], arr[i+1]);
15        }
16    }
17
18    recursive_bubble(arr, size-1);
19 }
```

Listing 1: C++ code for recursive bubble sort