

Answer on Question#46707- Programming, C++

1. Trace the bubble sort using the following integers, which represent the elements in an array.

5,7,3,8,6,7,3

Solution.

```
#include <iostream>

using namespace std;

void bubble(int *items, int count);
int main()
{
    int arr[]={5,7,3,8,6,7,3};

    bubble(arr, sizeof(arr)/sizeof(arr[0]));

    return 0;
}

void bubble(int *items, int count)
{
    int a, b;
    int t;

    for(a=1; a < count; ++a)
    {
        for(b=count-1; b >= a; --b)
        {
            if(items[b-1] > items[b])
            {
                t = items[b-1];
                items[b-1] = items[b];
                items[b] = t;
            }
        }

        for(a=0; a < count; a++)
        {
            cout<<items[a]<<" ";
        }
        cin.get();
    }
}
```