Bubble Sort

- in i(th) iteration, i(th) largest element is placed in the correct location

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```c
#include<stdio.h>

int main()
{
    int n,i,j,t;
    scanf("%d",&n);
    int a[n];
    for(i=0 ; i<n ; i++)
    {
        scanf("%d",&a[i]);
    }

    for(i=1 ; i<=n-1 ; i++)
    {
        for(j=0 ; j<=n-i-1 ; j++)
        {
            if(a[j] > a[j+1])
            {
                t = a[j];
                a[j] = a[j+1];
                a[j+1] = t;
            }
        }
    }

    for(i=0 ; i<n ; i++)
    {
        printf("%d ",a[i]);
    }
}
```