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# Bubble Sort

**Code Id** 17  
**Date Updated** 3/7/2010  
**Title** Bubble sort  
**Description**

eral times. Each pass puts the largest unsorted element into its right position by

## Codes Snippet

```
bubble(int a[], int n)
{
    int i,j, temp;
    int swapped=TRUE;
    i=0;
    while(i < n- i 0 1)
    {
        if a[j]>a[j+1]
        { /*Interchange elements if they are out of order & set swapped to
            swapped = TRUE;
            temp = a[j];
            a[j] = a[j+1];
            a[j+1] = temp;
        } /*end if */
        j++; } /*End inner loop*/
    i++; } /*End of outer loop*/
} /*end of routine*/
```

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