**\* Implementing Bubble sort in a C Program**

**#include<stdio.h>**

**int main(){**

**int count, temp, i, j, number[30];**

**printf("How many numbers are u going to enter?: ");**

**scanf("%d",&count);**

**printf("Enter %d numbers: ",count);**

**for(i=0;i<count;i++)**

**scanf("%d",&number[i]);**

**/\* This is the main logic of bubble sort algorithm**

**\*/**

**for(i=count-2;i>=0;i--){**

**for(j=0;j<=i;j++){**

**if(number[j]>number[j+1]){**

**temp=number[j];**

**number[j]=number[j+1];**

**number[j+1]=temp;**

**}**

**}**

**}**

**printf("Sorted elements: ");**

**for(i=0;i<count;i++)**

**printf(" %d",number[i]);**

**return0;**

**}**