

[■] BUBBLES0.C

```
#include<stdio.h>
#include<conio.h>
int a[20],n,i,j,temp;
void display(){
for(i=0;i<n;i++){
printf("Element %d=%d\n",i+1,a[i]);
}
}
bubblesort(){
printf("\nbubble sort function is called..\n");
for(i=0;i<n;i++){
for(j=0;j<n-i-1;j++){
if(a[j]>a[j+1]){
temp=a[j];
a[j]=a[j+1];
a[j+1]=temp;
}
}
}
}
void main(){
```

1:1

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

void main(){
clrscr();
printf("Enter the size of array:");
scanf("%d",&n);
for(i=0;i<n;i++){
printf("Enter elements %d:",i,i+1);
scanf("%d",&a[i]);
}
bubblesort();
display();
getch();
}
```



Enter the size of array:5

Enter elements 0:23

Enter elements 1:5

Enter elements 2:1

Enter elements 3:67

Enter elements 4:43

bubble sort function is called..

Element 1=1

Element 2=5

Element 3=23

Element 4=43

Element 5=67