

BUBBLE SORT

```
#include<stdio.h>
void bubblesort(int arr[],int n){
    int i,j,temp;
    for(i=0;i<n-1;i++){
        for(j=0;j<n-i-1;j++){
            if(arr[j]>arr[j+1]){
                temp=arr[j];
                arr[j]=arr[j+1];
                arr[j+1]=temp;
            }
        }
    }
}
int main(){
    int n,i,arr[100];
    printf("Enter the no of element: ");
    scanf("%d",&n);
    printf("Enter the element of the ");
    for(i=0;i<n;i++){
        scanf("%d",&arr[i]);
    }
    bubblesort(arr,n);
    printf("The sorted array:");
    for(i=0;i<n;i++){
        printf("%d ",arr[i]);
    }
}
```

OUTPUT:

```
Enter the no of element: 5
Enter the element of the 1 4 6 9 2
The sorted array:1 2 4 6 9
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Process exited after 23.37 seconds with return value 0
Press any key to continue . . .
```