

SOURCE CODE

```
#include<iostream>
using namespace std;

void bubbleSort(int *arr,int n){
    for(int i=0;i<n-1;i++){
        for(int j=i+1;j<n;j++){
            if(arr[i]>arr[j]){
                int temp=arr[i];
                arr[i]=arr[j];
                arr[j]=temp;
            }
        }
    }
}

int main(){
    int n,*arr;
    cout<<"enter the size: ";
    cin>>n;
    arr=new int[n];
    for(int i=0;i<n;i++){
        cin>>arr[i];
    }
    bubbleSort(arr,n);
    for(int i=0;i<n;i++){
        cout<<arr[i]<<" ";
    }
    return 0;
}
```

OUTPUT

```
TERMINAL  PROBLEMS  OUTPUT  DEBUG CONSOLE

Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\anil kumar\Documents\anil\.vscode> cd "c:\Users\anil kumar\Documents\anil\.vscode\"
-o BubbleSort } ; if ($?) { .\BubbleSort }
enter the size: 5
2
4
3
1
5
1 2 3 4 5
PS C:\Users\anil kumar\Documents\anil\.vscode\DataStructure_in_nsut> cd "c:\Users\anil kumar\Documents\anil\.vscode\"
c++17 BubbleSort.cpp -o BubbleSort } ; if ($?) { .\BubbleSort }
enter the size: 6
11
43
23
12
42
33
11 12 23 33 42 43
PS C:\Users\anil kumar\Documents\anil\.vscode\DataStructure_in_nsut>
```