#include <iostream>

using namespace std;

void bubblesort(int a[],int n)

{

if(n==1)

return;

for(int j=0;j<=n-2;j++)

{

if(a[j]>a[j+1])

swap(a[j],a[j+1]);

}

return bubblesort(a,n-1);

}

int main()

{

int n,i;

cin>>n;

int a[n];

for(i=0;i<n;i++)

cin>>a[i];

bubblesort(a,n);

for(i=0;i<n;i++)

cout<<a[i]<<" ";

}

// Since we are using recursion so the for loop should be avoided. This can be done as follows:-

#include <iostream>

using namespace std;

void bubblesort2(int a[],int j,int n)

{

if(n==1)

return;

if(j==n-1)

return bubblesort2(a,0,n-1);

if(a[j]>a[j+1])

swap(a[j],a[j+1]);

bubblesort2(a,j+1,n);

return;

}

int main()

{

int n,i;

cin>>n;

int a[n];

for(i=0;i<n;i++)

cin>>a[i];

bubblesort2(a,0,n);

for(i=0;i<n;i++)

cout<<a[i]<<" ";

}