/\* PROGRAM FOR BUBBLE SORT\*/

#include<iostream>

using namespace std;

int main()

{

int n, temp , a[50];

cout<<"Enter size of array";

cin>>n;

cout<<"Enter elements of array";

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

{

cin>>a[i];

}

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

{

for (int 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 ;

}

}

}

cout<<"Elements after BUBBLE sort :";

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

{

cout<<a[i]<<endl;

}

return 0;

}