import java.util.Scanner;

public class SortArray

{

public static void main(String[] args)

{

int n, temp;

Scanner s = new Scanner(System.in);

System.out.print("Enter no. of elements you want in array:");

n = s.nextInt();

int a[] = new int[n];

System.out.println("Enter all the elements:");

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

{

a[i]=s.nextInt();

}

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

{

for (int j=i+1; j<n; j++)

{

if (a[i]>a[j]) // compare numbers

{

temp=a[i];

a[i]=a[j];

a[j]=temp;

}

}

}

System.out.print("Elements in Ascending Order:");

for (int i=0; i<n-1; i++)

{

System.out.print(a[i]+ ", "); // print in same line and separate with comma

}

System.out.print(a[n-1]);

}

}