//AYUSH SAHU

//CSE 11911058

//bubble sort

#include<stdio.h>//header files

int main()

{

int i,j,n,swap,arr[50];

printf("enter the no of elements you want to swap\n");

scanf("%d",&n);

printf("enter the elements you want to swap\n");

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

{

scanf("%d",&arr[i]);//assigning elements to array

}

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

{

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

{

if(arr[j]>arr[j+1])//swaping if required

{

swap=arr[j];

arr[j]=arr[j+1];

arr[j+1]=swap;

}

}

}

for(i=0;i<n;i++)//printing result

{

printf("%d\n",arr[i]);

}

return 0;

}