#include <stdio.h>

void bubbleSort(int a[], int n) {

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

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

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

int temp = a[j];

a[j] = a[j + 1];

a[j + 1] = temp;

}

}

int main() {

int a[10], n;

printf("Enter size: ");

scanf("%d", &n);

printf("Enter %d elements:\n", n);

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

scanf("%d", &a[i]);

bubbleSort(a, n);

printf("Sorted array: ");

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

printf("%d ", a[i]);

return 0;

}