#include<stdio.h>

int main()

{

int a[20],n,i,j,temp;

printf("Enter the number of elements :"); scanf("%d",&n);

printf("Enter %d integers :",n);

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

{

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

}

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

{

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

{

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

{

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

a[j+1]=temp;

}

}

}

printf("The sorted array is ....\n");

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

{

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

}

printf("\n"); return 0;

}

Out put:

$ cc bubble.c

$./a.out

Enter th enumber of elements :5

Enter 5 integers :1

2

4

5

6

The sorted array is ………

1 2 4 5 6

$./a.out

Enter the number of elements :4

Enter 5 integers :35

64

57

3

The sorted array is ………

3 35 57 64