//Practical 5A Bubble Sort

#include<stdio.h>

void main ()

{

int i, j,temp;

int a[5];

// Taking User Input For Array

printf("\nEnter Value for the Array :\n");

for(i=0;i<5;i++)

{

printf("Enter Element :");

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

}

//Applying the Logic for Bubbel Sort

for(i = 0; i<5; i++)

{

for(j = i+1; j<5; j++)

{

if(a[j] > a[i])

{

temp = a[i];

a[i] = a[j];

a[j] = temp;

}

}

}

//Printing the array after sorting

printf("Printing Sorted Element List ...\n");

for(i = 0; i<5; i++)

{

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

}

}