# Program:

//Bubble Sort

#include<iostream>

#include<conio.h>

using namespace std;

void main()

{

int a[100],n,i,j,t; //initialising required variables

cout<<"\t\tBubble Sort\n\nEnter The Number of Elements: ";

cin>>n;

cout<<"\nEnter The Elements:\n";

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

cin>>a[i]; //getting the required elements

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

{ //selecting the basic elements

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

{ //selecting the pair

if(a[j+1]<a[j]) //comparing the pair

{

t=a[j];

a[j]=a[j+1]; //swaping if condition satisfies

a[j+1]=t;

}

}

}

cout<<"\nThe Sorted Elements Are:\n";

for(i=0;i<n;i++) //displaying the elements

cout<<a[i]<<"\n";

}

# Output:

