```
#include <iostream>
using namespace std;

// Function to Implement Bubble Sort
void bubblesort(int arr[], int n)
{
      int i, j, temp, flag = 0;
      for (i = 0; i < n-1; i++) // Loop for passes
      {
            for (j = 0; j < n-i-1; j++) // Loop for steps inside each pass
            {
                  // Code for Swapping
                  if (arr[j] > arr[j+1])
                  {
                        temp[j] = arr[j];
                        arr[j] = arr[j+1];
                        arr[j+1] = temp;
                        flag = 1;
                  }
            }
            if (flag == 0)
                  break;
      }
      // Printing Sorted Array
      cout <<"\nSorted Array Elements are:-\n";
      for (i = 0; i < n; i++)
            cout <<arr[i]<<"\t";
}

int main()
{
      // First way to Input Array Element
/*  int i;
      int arr[] = {64, 34, 25, 12, 22, 11, 90};
      int n = sizeof(arr)/sizeof(arr[0]); */ // integer stores 4 bytes; (4*7)/4
= 7

      // Alterate way to Input Array
      int arr[20], n, i;
      cout <<"Enter the total elements in Array :-";
      cin >> n;
      cout <<"Array Elements are :-";
      for (int i = 0; i < n; i++)
            cin >> arr[i];
      cout <<"\nArray elements before sorting :-";
      for (i = 0; i < n; i++)
            cout <<arr[i]<<"\t";

      // Calling of Bubble sort function

      bubblesort(arr, n);
      return 0;
}
```