

```

1  #include <iostream>
2
3  using namespace std;
4
5  main()
6  {
7      int sizeVar = 5; //size of array. Set to 4 by default
8      int cacheVar = 0; //cache variable used in swapping
9
10     cout<<"Enter the size of array: "<<endl;
11     cin>>sizeVar;
12
13     int numbers[sizeVar]; //Declaring array with variable size
14
15     //Looping through array for getting values from user
16     for (int i = 0; i < sizeVar; i++){
17         cout << "Enter value of element "<<i<< " of numbers array " << endl;
18         cin >> numbers[i];
19     }
20
21     //Extra Space
22     cout<<"\n";
23
24     //Sorting process begins after this. Bubble Sort Technique is used in here.
25     for (int i = 0; i < sizeVar; i++){
26         for (int j = i + 1; j < sizeVar; j++){
27             if (numbers[i] < numbers[j] ){
28                 cacheVar = numbers[i];
29                 numbers[i] = numbers[j];
30                 numbers[j] = cacheVar;
31             }
32         }
33     }
34
35     cout<<"Largest element is ="<<numbers[0]<<endl; //Largest element is the first element of numbers array
36     cout<<"Second smallest element is ="<<numbers[sizeVar - 2]; //Smallest element of array of size n is n -
1 while second smallest is n - 2.
37 }

```