

```
1  #include <iostream>
2  using namespace std;
3  #include <vector>
4
5  int main()
6  {
7      int n;
8      cout << "Enter the number of elements: " << endl;
9      cin >> n;
10
11     if (n <= 0)
12     {
13         cout << "Insertion failed! Value must be greater than 0." << endl;
14         return 1;
15     }
16
17     //int* arr = new int[n];
18
19     vector<int> arr(n);
20
21     cout << "Enter " << n << " elements: " << endl;
22
23     for (int i = 0; i < n; i++)
24     {
25         cin >> arr[i];
26     }
27
28     int min_value = arr[0], max_value = arr[0];
29
30     for (int i = 1; i < n; i++)
31     {
32         if (arr[i] < min_value)
33         {
34             min_value = arr[i];
35         }
36         if (arr[i] > max_value)
37         {
38             max_value = arr[i];
39         }
40     }
41
42     cout << "Minimum Value is: " << min_value << endl;
43     cout << "Maximum Value is: " << max_value << endl;
44
45     //delete[] arr;
46     return 0;
47 }
48
```