Solution 1

Run Code

Our Solution(s)

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```
Run Code
```

Your Solutions

Solution 1 Solution 2 Solution 3

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

vector<int> bubbleSort(vector<int> array) {
   // Write your code here.
   return {};
}
```

```
#include <vector>
4 using namespace std;
 6 vector<int> bubbleSort(vector<int> array);
8 // Best: O(n) time | O(1) space
9 // Average: O(n^2) time | O(1) space
10 // Worst: O(n^2) time | O(1) space
11 vector<int> bubbleSort(vector<int> array) {
12
     if (array.empty()) {
13
       return {};
14
15
     bool isSorted = false;
     int counter = 0;
16
17
     while (!isSorted) {
       isSorted = true;
18
19
       for (int i = 0; i < array.size() - 1 - counter; i++) {</pre>
20
        if (array[i] > array[i + 1]) {
21
          swap(array[i], array[i + 1]);
22
           isSorted = false;
23
24
25
       counter++;
26
27
     return array;
28 }
29
```

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Run or submit code when you're ready.