

	Status ▾	Language ▾	Runtime	Memory	Notes
2	Accepted 5 minutes ago	C++	0 ms	25.8 MB	
1	Accepted 7 minutes ago	C++	0 ms	26 MB	

C++ ▾ Auto

```
1  #include <vector>
2  #include <algorithm>
3  using namespace std;
4
5  class Solution {
6  public:
7      int trap(vector<int>& height) {
8          int left = 0, right = height.size() - 1;
9          int leftMax = 0, rightMax = 0, water = 0;
10
11         while (left <= right) {
12             if (height[left] <= height[right]) {
13                 if (height[left] >= leftMax) {
14                     leftMax = height[left];
15                 } else {
16                     water += leftMax - height[left];
17                 }
18                 left++;
19             } else {
20                 if (height[right] >= rightMax) {
21                     rightMax = height[right];
22                 } else {
23                     water += rightMax - height[right];
24                 }
25                 right--;
26             }
27         }
28
29         return water;
30     }
31 };
```