

```
Java (1.8) -
                                                                     Average Time: 20m
19 class Solution {
        public int maxWater(int arr[]) {
            int n = arr.length;
21
            if (n <= 1) return 0;
22
            int[] leftMax = new int[n];
23
            int[] rightMax = new int[n];
24
            leftMax[0] = arr[0];
25
            for (int i = 1; i < n; i++) {
26
                leftMax[i] = Math.max(leftMax[i - 1], arr[i]);
27
28
           rightMax[n - 1] = arr[n - 1];
29
            for (int i = n - 2; i >= 0; i --) {
30
               rightMax[i] = Math.max(rightMax[i + 1], arr[i]);
31
32
            int waterTrapped = 0;
33
            for (int i = 0; i < n; i++) {
34
               waterTrapped += Math.min(leftMax[i], rightMax[i]) - arr[i];
35
36
37
           return waterTrapped;
38
39
40
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                                                              Compile & Run
                                                Custom Input
                                                                              Submit
```