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Medium    

Return the amount of rain that would be caught between the hills.

- $n \leq 100,000$ where n is the length of `nums`

Input

```
nums = [2, 5, 2, 0, 5, 8, 8]
```

8

nums[2] can catch 3 rain drops, and nums[3] can catch 5 for a total of 8.

Input

```
nums = [2, 1, 2]
```

1

We can hold 1 unit of water in middle.

Input

```
nums = [3, 0, 1, 3, 0, 5]
```

8

We can hold 3 units in the first index, 2 in the second, and 3 in the fourth index (we cannot hold 5 since it would run off to the left), so we can catch 8 units of water.

Solved 933 Attempted 1,131 Rate 82.50%

Hint #1 +

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Edited by xiaowuc1

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