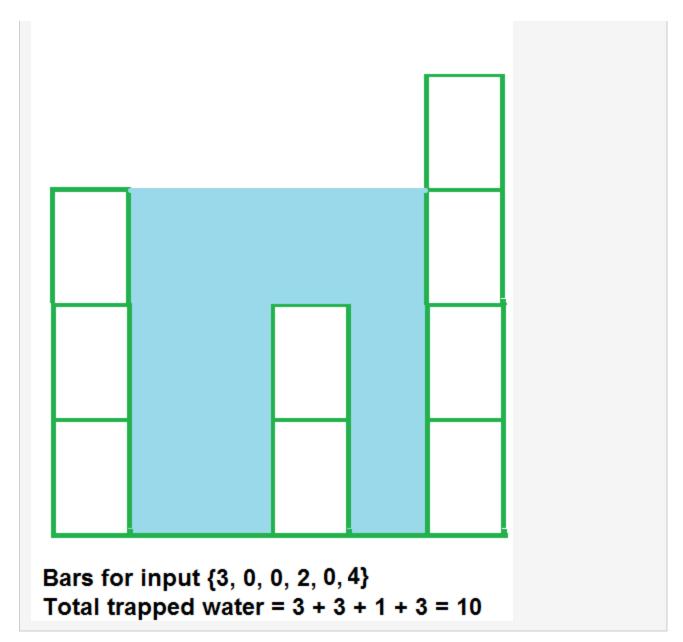
Given an array **arr[]** of **N** non-negative integers representing the height of blocks. If width of each block is 1, compute how much water can be trapped between the blocks during the rainy season.

## **Example 1:**

```
Input:
N = 6
arr[] = {3,0,0,2,0,4}
Output:
10
Explanation:
```



# Example 2:

```
Input:
N = 4
arr[] = {7,4,0,9}
Output:
10
Explanation:
```

```
Water trapped by above block of height 4 is 3 units and above block of height 0 is 7 units. So, the total unit of water trapped is 10 units.
```

## Example 3:

```
Input:
N = 3
arr[] = {6,9,9}
Output:
0
Explanation:
No water will be trapped.
```

### Your Task:

You don'y need to read input or print anything. The task is to complete the function **trappingWater**() which takes arr and N as input parameters and returns the total amount of water that can be trapped.

**Expected Time Complexity:** O(N) **Expected Auxiliary Space:** O(N)

#### **Constraints:**

 $3 \le N \le 10^7$ 

 $0 \le A_i \le 10^8$