JavaScript Practice 1.4

Subject: Arrays
Created By: Pritey Mehta
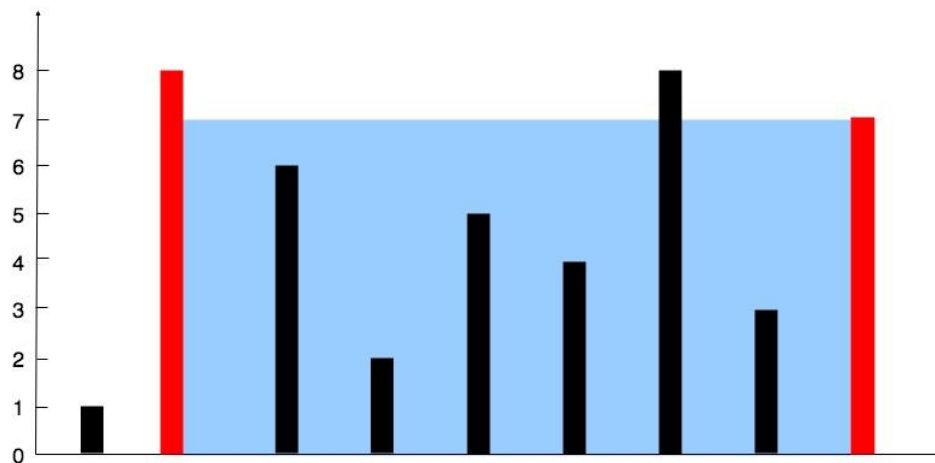
Case 1:

You are given an integer array height of length n. There are n vertical lines drawn such that the two endpoints of the ith line are (i, 0) and (i, height[i]).

Find two lines that together with the x-axis form a container, such that the container contains the most water.

Return the maximum amount of water a container can store.

For Example:


```
Input: height = [1,8,6,2,5,4,8,3,7]
Output: 49
Explanation: The above vertical lines are represented by array
[1,8,6,2,5,4,8,3,7]. In this case, the max area of water (blue section)
the container can contain is 49.
```

Case 2:

Create HTML parser using Array. Input and Output should as following.

Example 1:

Input: `<html><head></head><body></body></html>`

Output: Valid

Example 2:

Input: `<html><head></head><body></boy></html>`

Output: Invalid

Example 3:

Input: `<html><head></head><body><p>this is test element</p></body></html>`

Output: Valid

Example 4:

Input: `<html><head></head><body><p>this is test element</br></p></body></html>`

Output: Valid