Given n non-negative integers a1, a2, ..., an, where each represents a point at coordinate (i, ai). n vertical lines are drawn such that the two endpoints of the line i is at (i, ai) and (i, 0). Find two lines, which, together with the x-axis forms a container, such that the container contains the most water.

**Notice** that you may not slant the container.

**Example 1:**

A picture containing icon

Description automatically generated

**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.

**Example 2:**

**Input:** height = [1,1]

**Output:** 1

**Example 3:**

**Input:** height = [4,3,2,1,4]

**Output:** 16

**Example 4:**

**Input:** height = [1,2,1]

**Output:** 2

**Constraints:**

* n == height.length
* 2 <= n <= 3 \* 104