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*.

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

**Example 1:**



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

**Constraints:**

* n == height.length
* 2 <= n <= 105
* 0 <= height[i] <= 104