# Container With Most Water

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.

## SOLUTION IN JAVASCRIPT

var maxArea = function (height) {

let maximumArea = Number.MIN\_SAFE\_INTEGER;

let left = 0;

let right = height.length - 1;

while (left < right) {

let shorterLine = Math.min(height[left], height[right]);

maximumArea = Math.max(maximumArea, shorterLine \* (right - left));

if (height[left] < height[right]) {

left++;

} else {

right--;

}

}

return maximumArea;

};