







LEETCODE SOLUTIONS - YOGESH MUNEEES

11. Container With Most Water

Hint ...

Medium   25.8K  1.4K  

 Companies

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:

```
class Solution(object):
    def maxArea(self, height):
        l = 0
        r = len(height)-1
        maxm = 0
        while(l < r):
            curr = min(height[l],height[r])*(r-l)
            maxm = max(maxm,curr)
            if(height[l] < height[r]):
                l+=1
            else:
                r-=1
        return maxm
```