class Solution:

def maxArea(self, height: List[int]) -> int:

l = 0

r = len(height) - 1

total = 0

maxi =0

while l < r:

total = min(height[l],height[r]) \* (r- l)

maxi = max(maxi,total)

if height[l] < height[r]:

l += 1

else:

r -=1

return maxi