

Python



```
def maxArea(height: list) -> int:
    left, right = 0, len(height) - 1
    max_water = 0

    while left < right:
        max_water = max(max_water,
min(height[left], height[right]) * (right -
left))
        if height[left] < height[right]:
            left += 1
        else:
            right -= 1

    return max_water

# Test cases
print(maxArea([1,8,6,2,5,4,8,3,7])) # Output:
49
print(maxArea([1,1])) # Output:
1
```

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