class Solution {

public int maxArea(int[] height) {

int n=height.length;

int water=0;

int l=0;

int r=n-1;

while(l<r){

final int minHt=Math.min(height[l],height[r]);

water=Math.max(water, minHt\*(r-l));

if(height[l]<height[r]) ++l;

else --r;

}

return water;

}

}