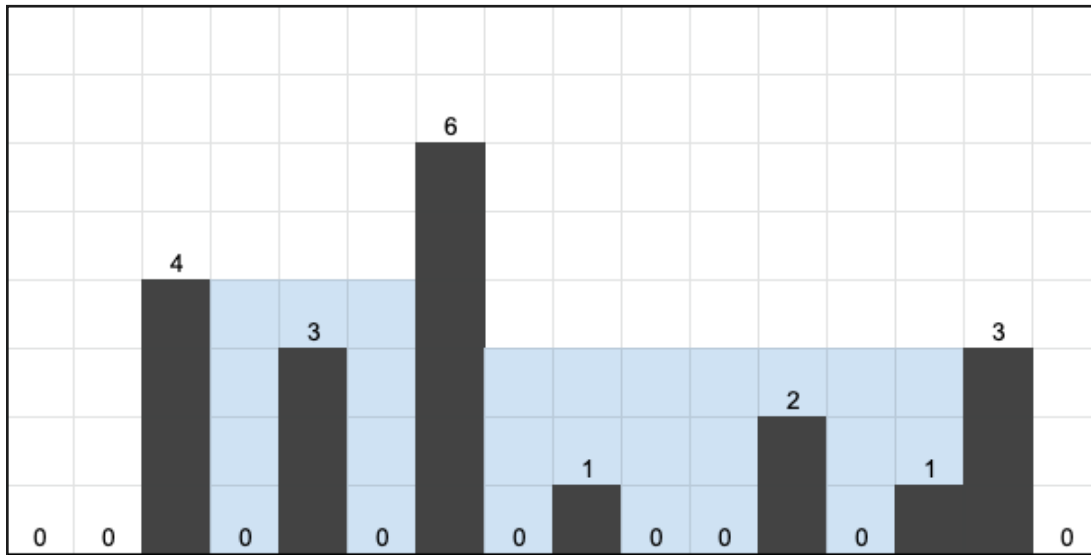# Lab 9

Problem Description:

Given n non-negative integers representing a bar graph, design an algorithm that computes how much volume of water could the bar graph hold if someone poured water from the top. Assume each bar to have a width of 1.

Input: The input is a string of n (2<n<50) non-negative comma-separated integer values corresponding to the height of the bar.

Output: Print out how much volume of water can the bar graph hold.

Test Case	Input	Output
1	0,0,4,0,3,0,6,0,1,0,0,2,0,1,3,0	26
2	3,5,2,1,1,0,2	4
3	0,0,2,0,0,0,1,3,0,0,3,0	13