LeetCode Problems

[962. Maximum Width Ramp](https://leetcode.com/problems/maximum-width-ramp/?envType=daily-question&envId=2024-10-10)

class Solution {

public int maxWidthRamp(int[] nums) {

int n = nums.length;

Stack<Integer> stack = new Stack<>();

for (int i = 0; i < n; ++i) {

if (stack.isEmpty() || nums[stack.peek()] > nums[i]) {

stack.push(i);

}

}

int maxWidth = 0;

for (int j = n - 1; j >= 0; --j) {

while (!stack.isEmpty() && nums[stack.peek()] <= nums[j]) {

maxWidth = Math.max(maxWidth, j - stack.pop());

}

}

return maxWidth;

}

}