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# Find Maximum in Sliding Window

Try to solve the Find Maximum in Sliding Window problem.



#### **Statement**

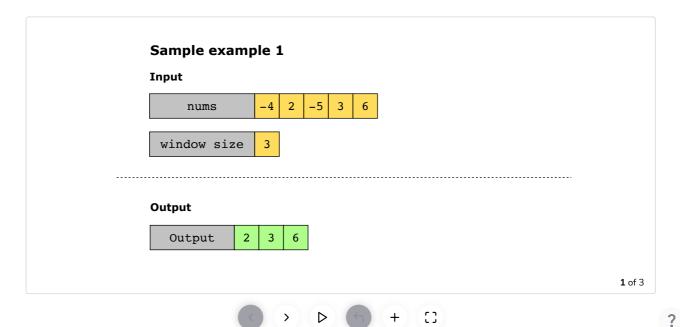
Given an integer list, nums, find the maximum values in all the contiguous subarrays (windows) of size w.

**Note:** If the window size is greater than the array size, we consider the entire array as a single window.

#### **Constraints:**

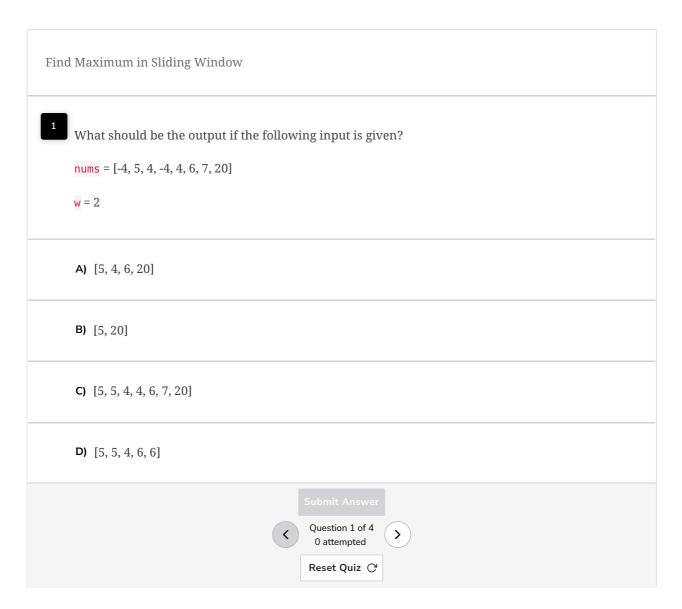
- $1 \leq \operatorname{arr.length} \leq 10^3$
- $-10^4 \le arr[i] \le 10^4$
- $1 \leq w$

### **Examples**

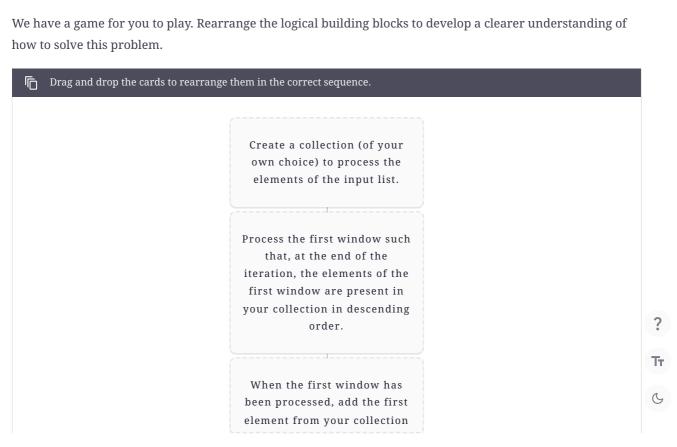


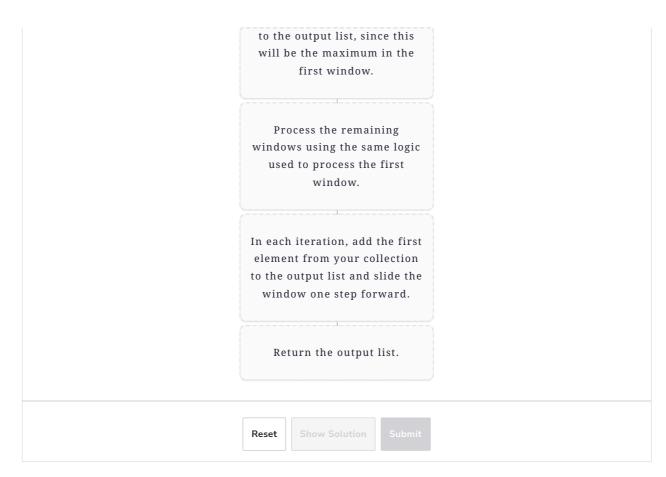
### Understand the problem

Let's take a moment to make sure you've correctly understood the problem. The quiz below helps us to check if you're solving the correct problem:



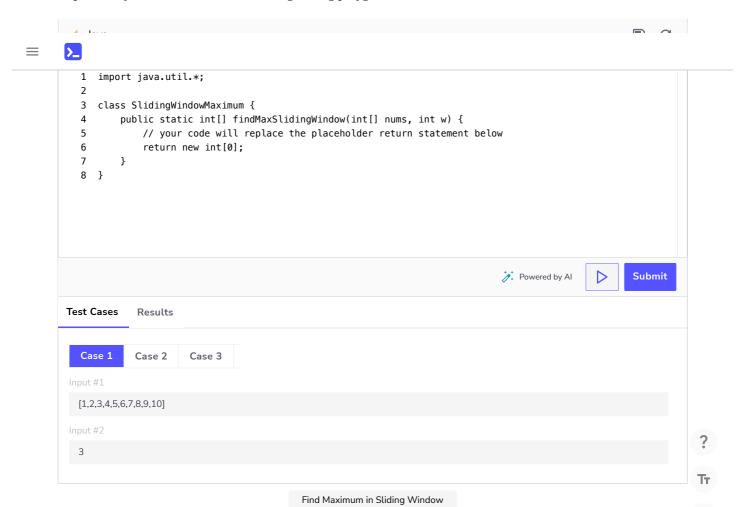
# Figure it out!





## Try it yourself

Implement your solution in the following coding playground:



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Solution: Repeated D...



Solution: Find Maximu...



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