

Goal

- Today we will be looking at two miscellaneous questions.
 - Nearest Smaller Element
 - Sliding Window Minimum

Resources

Nearest Smaller Element

- <https://usaco.guide/CPH.pdf#page=89>

Sliding Window Minimum

- <https://usaco.guide/CPH.pdf#page=91>

Problems

Nearest Smaller Element

1. Given n and n integers. Find the index of the nearest smaller element for each element.
 - -1 if an element doesn't have a smaller element.

Sliding Window Minimum

1. Given n and k ($k \leq n$). Followed by n integers.
 - Output the minimum in each sliding window of size k .