**Lab 6.**

Solve these problems for the priority queue.

Deadline: Week 8.

<https://leetcode.com/problems/kth-largest-element-in-an-array/>

<https://leetcode.com/problems/kth-smallest-element-in-a-sorted-matrix/>

<https://leetcode.com/problems/top-k-frequent-elements/>

<https://leetcode.com/problems/top-k-frequent-words/>