

Junior Knights Contest Course Spring 2024 1/20/2024 – Outline

I. Lecture – Part I

- A. Stack
- B. Queue
- C. Priority Queue

II. Practice Problem

Guess The Data Structure: <https://open.kattis.com/problems/guessthedatastructure>

Challenge Problems

Jane Erye: <https://open.kattis.com/problems/janeeyre>

Pharmacy: <https://open.kattis.com/problems/pharmacy>

Stock Prices: <https://open.kattis.com/problems/stockprices>

III. Break

IV. Lecture - Part II

A. Custom Sorting (my example: <https://open.kattis.com/problems/cups>)

V. Practice Problems:

Class Field Trip: <https://open.kattis.com/problems/classfieldtrip>

Closing the Loop: <https://open.kattis.com/problems/closingtheloop>

Messy lists: <https://open.kattis.com/problems/stokigalistor>

Challenge Problems

Sort of Sorting: <https://open.kattis.com/problems/sortofsorting>

Dyslectionary: <https://open.kattis.com/problems/dyslectionary> (I/O annoying)

Classy: <https://open.kattis.com/problems/classy>