

CSCA48 TUTORIAL WEEK #3

TUT 0006

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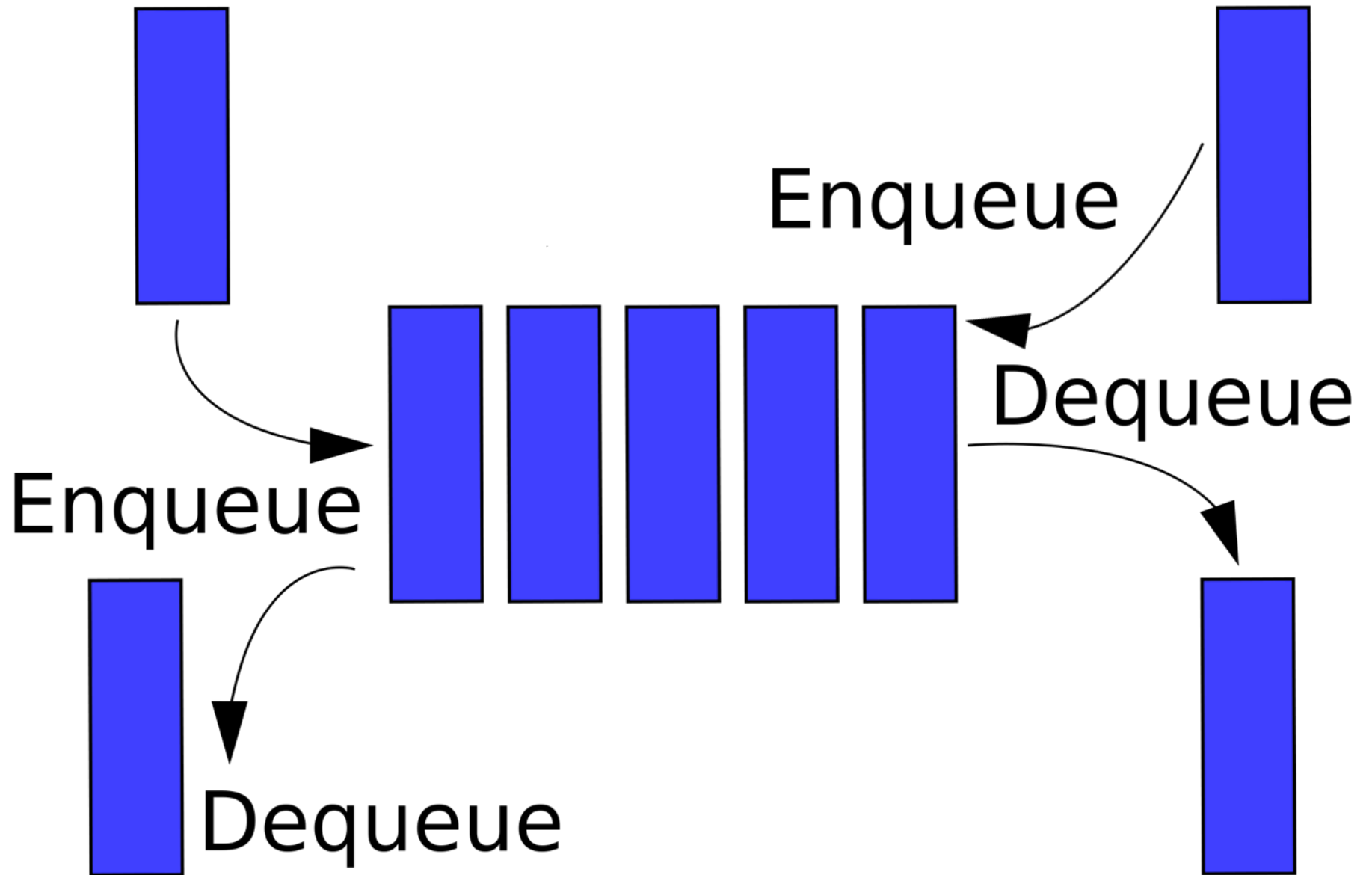
THIS WEEK

Deque

DEQUE

Deque (pronounced “Deck”) == Double Ended Queue

Deque != Dequeue



LET'S PLAY AROUND!

REPRESENTATION INVARIANT

A representation invariant is written as an internal comment, usually within the `__init__` method of a class that implements an ADT.

It describes how the variables of the class represent the data of the ADT.

It is written as a true/false statement, which should always be true. By "always", we mean when an instance of the class is created, and after every method call (recall that public methods correspond to the operations of the ADT). A representation invariant may not be true during the execution of a method.

A representation invariant should not describe how the methods of the class (i.e., the operations of the ADT) are implemented.

REMINDERS

Exercise 1 dues Friday @5:00pm

Let me know if you have issues logging into MarkUs