cis112-week08: Linked lists

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Content

Motivation

We continue linked list.

Goal

G0. Fill `StudentInfo`

1. Fill your data in `StudentInfo`.

G1. "canonical"

1. Use your favorite AI tool, to investigate meaning, usages of the technical term "canonical" in software development.

   Keep the questions and answers and prepare a short report for yourself.

G2. Reverse of a linked list

In `theory`, you are given doubly linked list implementation `LinkedListDoublyS`, which uses `NodeLLDS` as a node.

1. In `lab`, you are asked to complete `reverse` method, which takes a doubly linked list and returs the reverse of the original list.

2. Test your implementation by `TS_LLDS_jUnit`.

Challenge

C1. Waiting list for LabPlus

In cis112 labs, when you finish the challenge section you get in the queue of evaluation for `LabPlus`.

`QueueAsLinkedList` is an implementation of queue aa a linked list.

1. Complete `enqueue` method.

2. Complete `dequeue` method.

3. Test your implementation by `TS_QueueAsLinkedList_jUnit`.