
Module 4b: Reference

CPSC 110

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Learning goal

- Be able to predict and identify the correspondence between references in a data definition and helper function calls in functions that operate on the data.

Notes

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Terminology

- **Reference relationship:** data definition that refers to a different type of data (that's not primitive!)
- **Natural helper:** when a data definition using natural recursion is actually a list of ANOTHER type of data, we have to include a function like (`fn-for-item`) in our template. This function call is called the natural helper.
 - this function call is written due to the `reference` rule!
 - When writing a function (HtDF) with a natural helper, we **MUST** create a **helper function**.
 - * Make a wish list entry! HtDF tag, signature, purpose, stub, and ! ! !