NES COMPUTER SCIENCE STYLE CONVENTIONS

General Conventions

Pseudocode is written in `Courier New` font.

Indentation is used to indicate control of flow.

Comments are placed between `//` and `//`.

`a^b` denotes raising `a` to the power of `b`.

`%` is the modulus operator.

Strings

The index of the first character of a string is zero.

The plus character, `+`, is the concatenation operator.

`string.substring(a, b)` returns a substring where `a` is beginning index (inclusive) and `b` is ending index (exclusive).

`string.characterAt(i)` returns the character at index `i`.

Lists

The index of the first element of a list is zero.

`list.length()` returns the number of items in `list`.

`list[i]` indicates the `i`th element in `list`.

Subclasses

In the diagram shown, `CLASS Graduate` and `CLASS Undergraduate` are subclasses of `CLASS Students`.