COMP 110

Mutable and Immutable Objects

Mutable vs. Immutable

- Immutable: can't be *mutated* (changed) after creation
  - Immutable types: int, float, bool, string, and tuple
  - Can be *re-assigned*, but not *changed*
- Mutable: can be mutated after creation
  - Mutable types: list and dict
  - Can be both *reassigned* and *changed*
  - Can be mutated directly, but also with functions

Practice

Write three functions that take a list[str] as an argument.
- remove_first removes the first element of the input list
- get_first returns the first element of the input list WITHOUT mutating
- get_and_remove_first removes the first element of the input list AND returns it