

Lists

- Have already seen them before: $A = [1, 2, 3, 4]$
- $O(1)$ access, like arrays, $O(1)$ appends, $O(1)$ to remove from the end
- $O(n)$ insert/delete if not at the end (if deleting from the front, need to shift n elements backwards to fill those indices)
- Implemented using fixed-size arrays, and backing arrays are reallocated when necessary
 - Similar idea to sets

Tuples

- Example (multiple elements): $T = (1, 2, 3)$
- Example (single element): $T = (1,)$
- Like lists, but **immutable** - cannot be modified once they are created
- Tuples are immutable, but elements can be pointers to mutable data
 - Example: $T = ([1, 2], 3)$
 - Therefore, not guaranteed to be hashable