Data Structures

Also known as objects, data structures are collections of values and functions.

Lists, dictionaries, tuples, and sets.

Unlike strings, these data structures can contain any kind of data.

The primary two we’ll focus on are lists and dictionaries.
Lists

\[ \]

\([1, 2.0, 'three']\)

A list is a mutable sequence of 0 or more values

Enclosed in square brackets, items separated by a comma

List elements can be added, removed, or modified

Very common and useful

Use indexing and slicing to access individual elements
Lists

Methods

my_list.append()
my_list.count(x)
my_list.index(x)
my_list.insert(i, x)
my_list.remove(x)
my_list.pop([i])
my_list.sort()