Lists (Revisited)

Lists typically contain objects which all have the same type

Ex. a list of strings

Lists (in Python) can contain multiple types

Ex. [“title”, “artist”, 45.0] is a list containing two strings and a float

Lists can also contain other lists!

Ex. [[“song1”, “artist1”, 45.0], [“song2”, “artist2”, 12.0]]
Lists of lists (lol)

How can we use indexing to get a value in a list of lists?

Ex. Get “artist1” out of songs = [[“song1”, “artist1”, 45.0], [“song2”, “artist2”, 12.0]]

We want the 2nd item from the first list (recall: indexing starts at 0!)

- > songs[0] returns the first list
- > songs[0][1] returns the second item from the first list

How can we output all the values songs? Use a nested for loop!
Example: print a list of lists containing the numbers 1-9!