## Lists, Vectors, Arrays

or hold multiple values, possibly of different types.	iple valı	ues (usually) of th	e same type.	
Elements are stored in order, and elements can be refered to 0 or 1 depending on the language.	e. The $\_$			
number of elements in it. An empty list has a				:4 4 41 1
Sometimes, lists can be inside other	an item to the beginning of a list or vector or an item to the end inside other lists.			
In R and Python, you can take a slice of a list (or R vec	ctor) usi	ng the list indices	:	
my_list[a:b]				
Example:				
my_list[3:6]				
In Python, a is the index of theEXCLUSIVE (meaning it's not included).	_ value,	b is the index of	of the	value
In R, the first number is the index of the value INCLUSIVE.		value, and the s	econd numbe	er is the index of the
Assigning Values				

To change the value of an element in a list, assign a new value to it: