Do Now 4.01 ## 1. In your Console ### Type the following Code ```python single_fruit = ['apple', 'banana', 'watermelon', 'grape'] multi_fruit = [] multi_fruit.append(single_fruit[0] + 's') multi_fruit.append(single_fruit[1] + 's') multi_fruit.append(single_fruit[2] + 's') multi_fruit.append(single_fruit[3] + 's') print(multi_fruit) ``` ## In your Notebook ### Respond to the following Briefly write down what happened. What would happen if you added 100 items to the list `single_fruit`? Write down how you would update `multi_fruit`. ## 2. In your Console ### Type the following ```python list_of_numbers = [3, 5, 10, 23] for num in list_of_numbers: print("num is " + str(num)) ``` ## Continue in your Notebook ### Responses to the following Briefly write down what happened. How would this change if you added 100 items to `list_of_numbers`? ## 3. In your Console ## Rewrite the code from part 1 using knowledge from part 2