

Lists Problems:

Creating A List and Accessing by Index:

- 1.create a 4 element list that consists of values that are all strings and assign it to a variable*
- 2.create a 3 element list that consists of values that are all numbers and assign it to a variable*
- 3.create a 5 element list that contains at least 1 string, 1 number, and 1 Boolean value and assign it to a variable*
- 4.Print the list you created in step 1*
- 5.Access by index and print the second element of the list you made in step 2*
- 6.Access by index and print the the boolean value from the list you made in step 3*

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Index Reassignment and .append():

- 1.create a variable and assign it the list [1, 2, 3]**
- 2.reassign the first element in the list from step 1 the value 2**
- 3.reassign the second element in the list from step 1 the value 3**
- 4.reassign the third element in the list from step 1 the value 4**
- 5.use .append() to add the value 6 to the end of the list from step 1**
- 6.print the resulting list**

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List Slicing:

- 1.create a 7 element list and assign it to a variable**
- 2.slice the list from its first element to its fourth element and print the resulting 4 element list**
- 3.slice the list from its third element to its fifth element and print the resulting 3 element list**
- 4.slice the list from its second element to its last element and print the resulting 6 element list**

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.index() and .insert()

- 1.create a variable and assign it the list ["Bob Dylan", "Like a", "Rolling Stone"]
- 2.use the .index() function to find and print the index of the string "Rolling Stone" from the list in step 1
- 3.use the .insert() function to insert the string 1965 at index 0 of the list from step 1
- 4.print the list that results from step 3

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.remove() and .pop()

- 1.create a variable and assign it the list ["McCartney", "Lennon", "Starr", "Harrison", "Sutcliffe"]
- 2.use .remove() to remove of the "Sutcliffe" from the list created in step 1.
- 3.print the new list
- 4.use .pop() to remove and print "Lennon" from the list
- 5.use .pop() to remove and print "Harrison" from the list
- 6.print the new list

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