

python_mutable_sequences_list_of_lists_workbook_answers

September 16, 2020

1 PYTHON LIST OF LISTS WORKBOOK

Remember, there are different ways to write code to get the same answer, so your answer can be correct and different to the answer example!

If you feel stuck and want some in person help, then have a look at the events page to join in a workshop <https://swamphen.co.uk/events>.

```
In [ ]: # create a list of strings
        strings = ['one', 'two', 'three', 'four']

In [ ]: # create a list of integers
        integer = [4,2,6,4,2,8,9]

In [ ]: # create a list of Booleans
        boolean = [True, True, True, False]

In [ ]: # put these 3 lists into a list of lists
        my_list = [strings, integer, boolean]
        print(my_list)

In [ ]: # what is the second element in your list of Booleans
        my_list[2][1]

In [ ]: # what is the average value for your list of integers
        sum(my_list[1])/len(my_list[1])

In [ ]: # pick out the third element from each of your lists in the list
        print(my_list[0][2])
        print(my_list[1][2])
        print(my_list[2][2])

In [ ]: # create a separate mixed list
        mixed = [1,4.3,2,False]

In [ ]: # add this to your existing list of lists as a separate list
        my_list = my_list + [mixed]
        print(my_list)

In [ ]: # what is the second element of this newly added list?
        print(my_list[3][1])
```