python_mytable_sequences_how_to_change_lists_workbook_answers

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1 PYTHON MUTABLE SEQUENCES HOW TO CHANGE LISTS WORKBOOK ANSWERS

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 [ ]:
```
# set up an empty list
queen = []
```

In [ ]:
```
# append a string to it
queen.append('my favourite band')
print(queen)
```

In [ ]:
```
# append a float to it
queen.append(3.45)
print(queen)
```

In [ ]:
```
# append a Boolean to it
queen.append(True)
print(queen)
```

In [ ]:
```
# insert two integers between the float and the Boolean
queen[2:2] = [6,7]
print(queen)
```

In [ ]:
```
# change your float to mean the opposite of what you have written
queen[0] = 'I hate queen'
print(queen)
```

In [ ]:
```
# decide you don't like your statement and delete it
del queen[0]
print(queen)
```

In [ ]:
```
# create another list with 6 items of whatever you want in
smile = [6,3,4,2,7,'Brian']
```

```
In [ ]: # add your two lists together, with the new one first, creating a
        # new variable name
        feeling = smile + queen
        print(feeling)

In [ ]: #sort the list
        feeling.sort()
        print(feeling)

In [ ]: # did this give you an error saying
        # '< not supported between instances of str'?
        # if so, remove the strings and try again
        del feeling[5]
        print(feeling)

In [ ]: feeling.sort()
        print(feeling)

In [ ]: # does this give you an idea as to the value that
        # True and False are assigned?

In [ ]: # copy your list 3 times and give it a new variable name
        feeling_alright = feeling * 3
        print(feeling_alright)

In [ ]: # how long is your new list?
        len(feeling_alright)

In [ ]: # delete the entire list
        feeling_alright.clear()
        print(feeling_alright)
```