Solution Review: Remove Sublist From List

This lesson gives a detailed review of how to remove a sublist from a list.

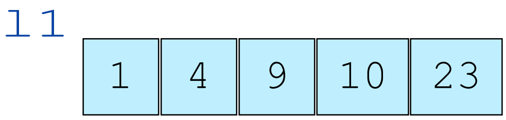
WE'LL COVER THE FOLLOWING

- Solution 1: Use the `remove()` Function
- Solution 2: Use the `remove()` Function Within a `for` Loop

Solution 1: Use the `remove()` Function

The solution is fairly simple; use the `remove` function to delete the elements of the sublist `l2` from `l1`.

Therefore, Python's inbuilt functions make things much more convenient since you don't have to worry about any extraneous implementation level details like you would have to with other languages. Given below is an illustration of how the provided solution would play out.



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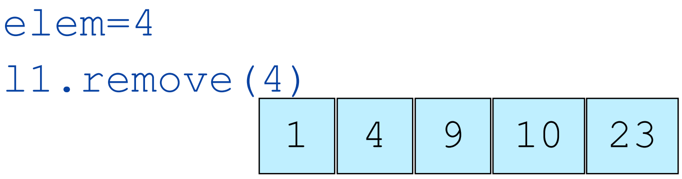

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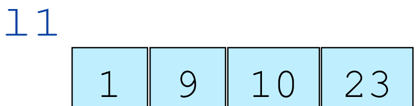

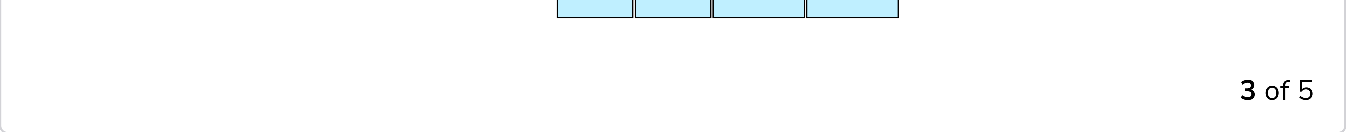

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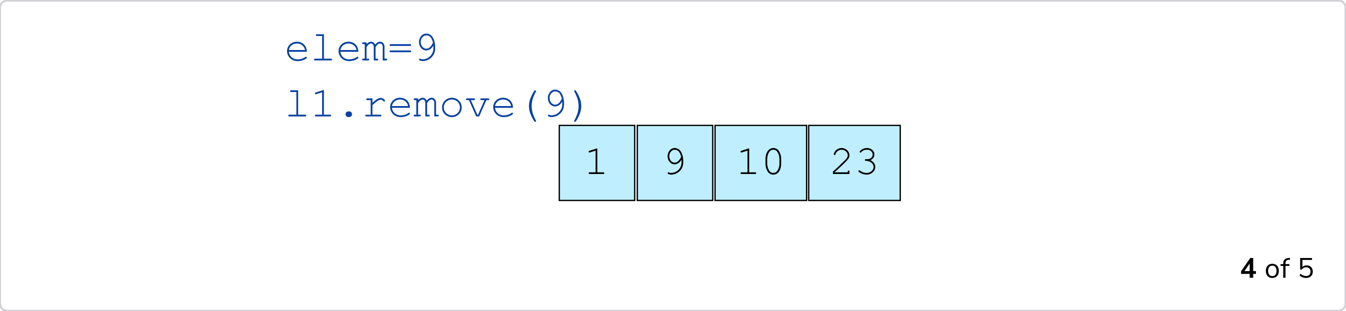

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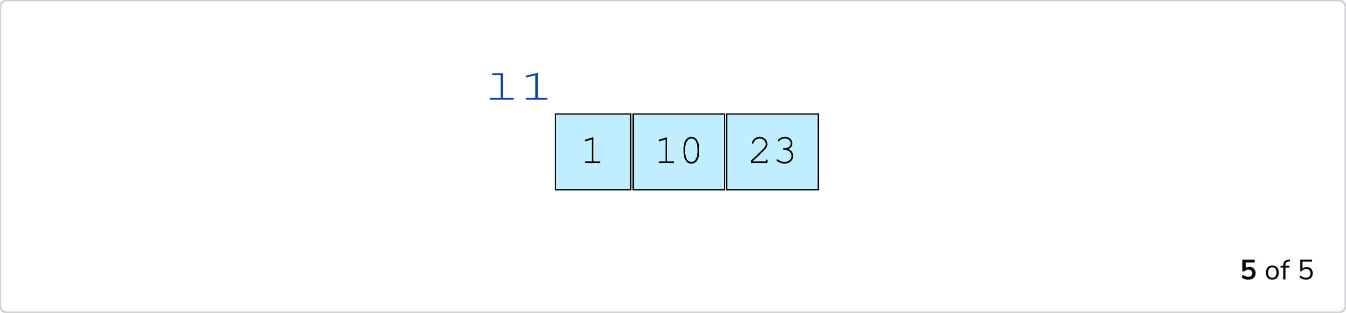

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The following python code helps to remove a sublist from a list:

```
def removeList():
  l1 = [1, 4, 9, 10, 23]
  l2 = [4, 9]
  l1.remove(l2[0])
  l1.remove(l2[1])
  return l1

l1 = removeList()
print(l1)
```

Solution 2: Use the `remove()` Function Within a `for` Loop

The solution is fairly simple; just iterate over the sublist and use the `remove` function to delete the elements of the sublist from `l1`.

> Don't fret if you are unaware of for loop, we'll cover `for` loops in the next chapter.

```
def removeList():

  l1 = [1, 4, 9, 10, 23]

  l2 = [4, 9]
  for elem in l2:
    l1.remove(elem)
  return l1

l1 = removeList()
print(l1)
```

Now that we have insight on ‘Lists’, let’s move on to ‘List Comprehension’.