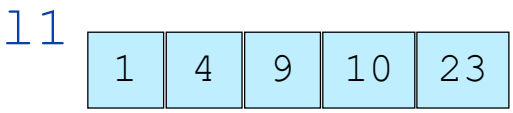
Solution Review: Appending Value to the End of a List

This lesson will give you a detailed review of how to append values at the end of a list.

WE'LL COVER THE FOLLOWING

Solution 1: Use the `append()` Function

This solution is very simple and perhaps the more commonly used method in Python. You simply call the `append` function on your list, and your given arguments automatically get appended to your list automatically. This is what the process looks like:



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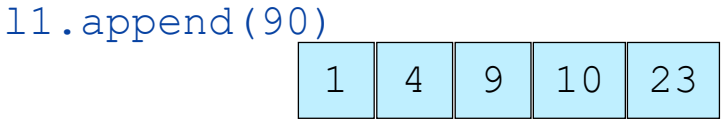

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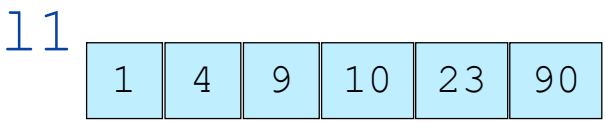


Using the append function

This append operation can be demonstrated using the python code as shown below:

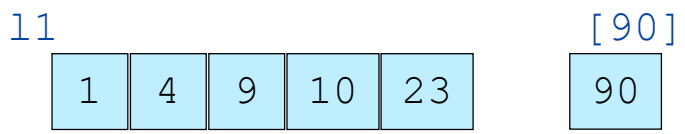
```
def AppendtoList():
  l = [1, 4, 9, 10, 23]
  l.append(90)
  return l
l = AppendtoList()
print(l)
```

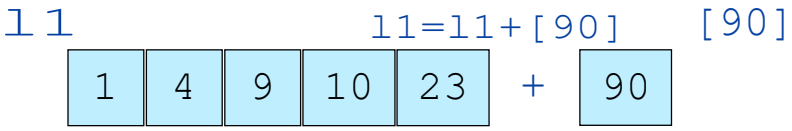
Lists in Python can be concatenated as well; it's similar to the append function in Python.

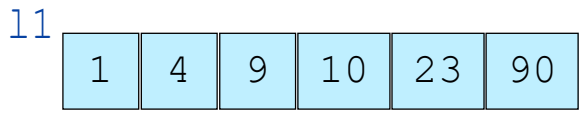
Solution 2: Concatenate Lists Using `+` Operator

This solution simply concatenates a list containing the element to be added with the existing list using the `+` operator.

This approach is a little more cumbersome, but it achieves the intended results. The following illustration depicts what is happening here:







List Concatenation

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The concatenation operation can be demonstrated using the python code below:

```
l1 = [1, 4, 9, 10, 23]
print(l1)
l1 = l1 + [90]
print(l1)
```

Let’s move on to the next lesson to solve another challenge using lists.