

Solution Review: Return Numbers From n to 0

This lesson covers the Python code to return a list of numbers from n down to 0 using iterators.

WE'LL COVER THE FOLLOWING ^

- Solution: Use Iterator

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In this problem, you only had to edit the `next` method to include a reverse for loop; `for i in range(self.n, -1, -1)` where `i` is decremented once in every iteration. In line 11 of the code below, you append the value of `i` to the list in every iteration and return the list at the end of the method. In lines 14 and 15, you can test your code by creating an instance of the `MyRange` class and calling the `next` method.

```
class MyRange:
    def __init__(self, n):
        self.n = n

    def __iter__(self):
        return self

    def next(self):
        myArray = []
        for i in range(self.n, -1, -1): # from n to 0
            myArray.append(i) # adds the even number to the list
        return myArray

myRange = MyRange(8)
print(myRange.next())
```



The next lesson includes a slightly trickier exercise to brush up your concepts on Python iterators.

