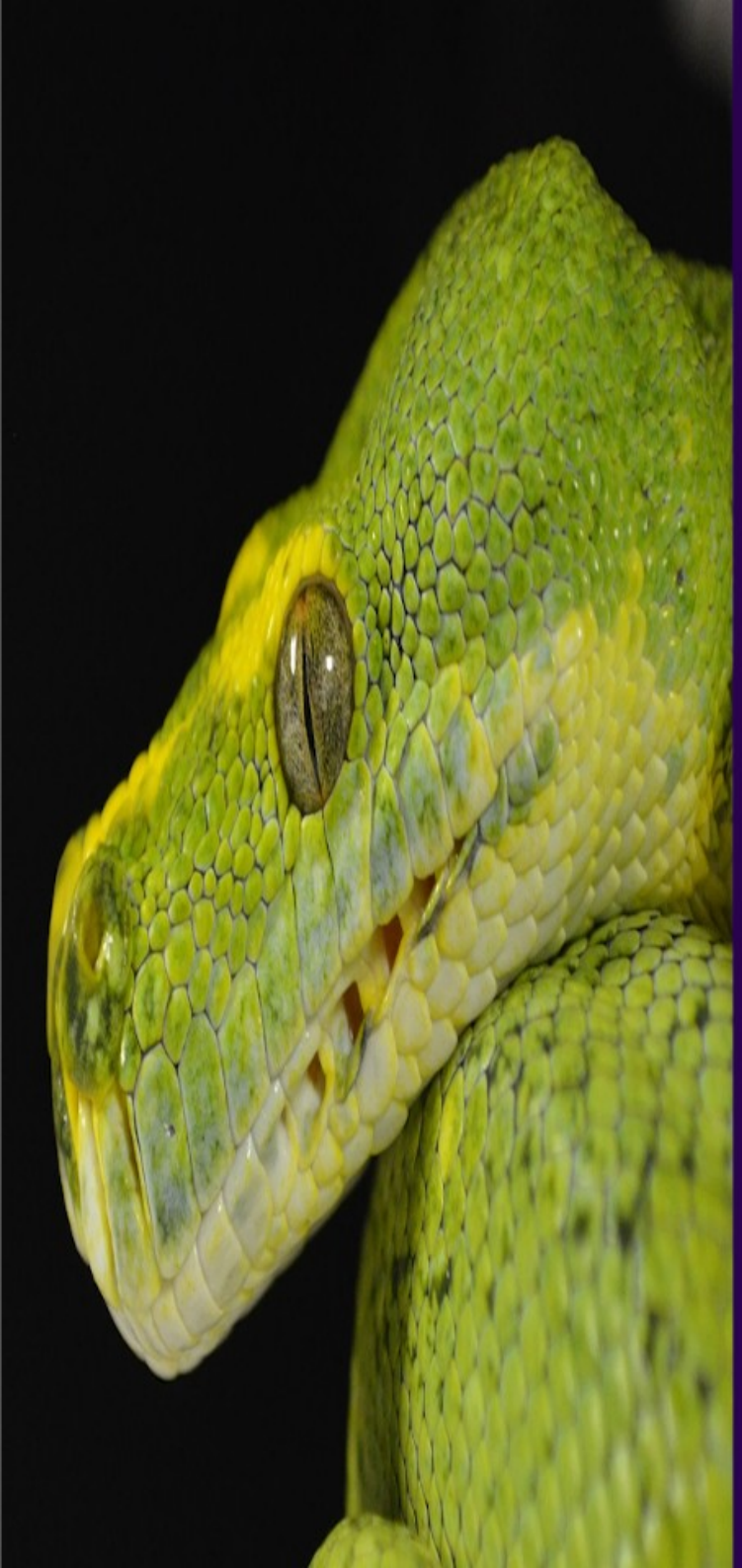

Python

Recursion

Asha Tutorials

Recursion

Code :

```
def recur_n(n):
    """ trace the execution sequence of n recurrence steps """

    if n == 0:
        print('Solving the base case. End of recursive calls.')
        return

    print('Started recurring ->', n)

    recur_n(n-1)

    print('Ended recurring ->', n)


recur_n(5)
```

Stack Trace

```
def recur_n(n):

    # Base case
    if n == 0:
        print('Solving the base case.')
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    # pre-processing before making call
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    # making recursive call
    recur_n(n-1)

    # Post processing after making call
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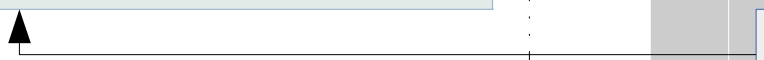

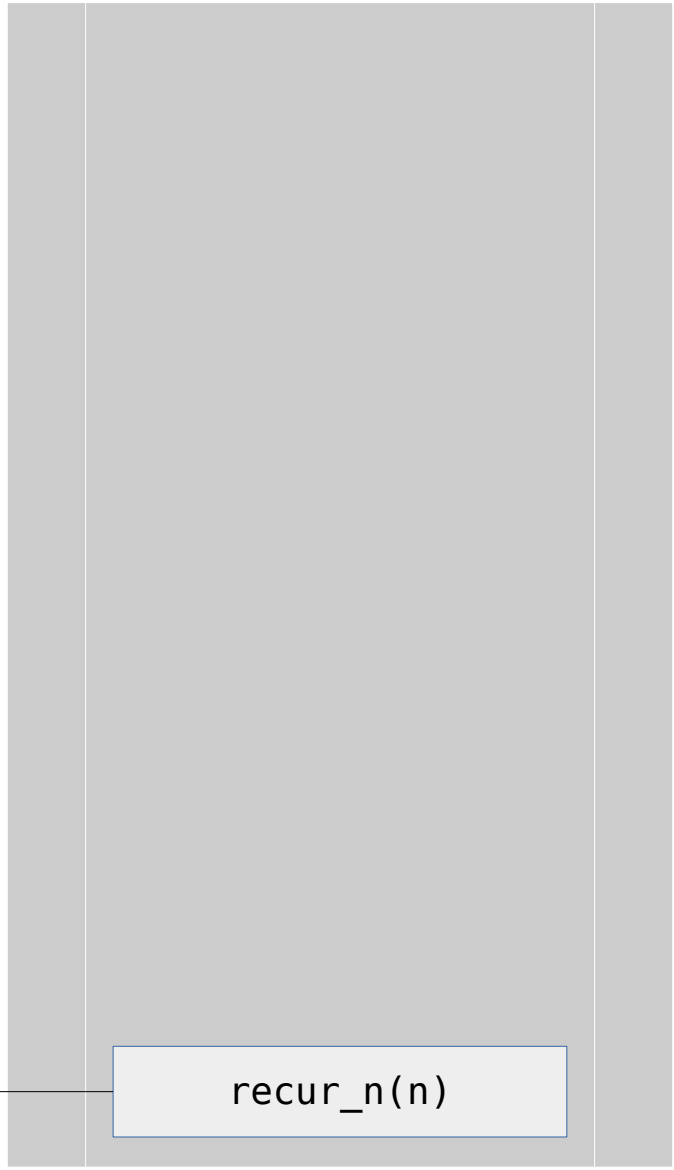

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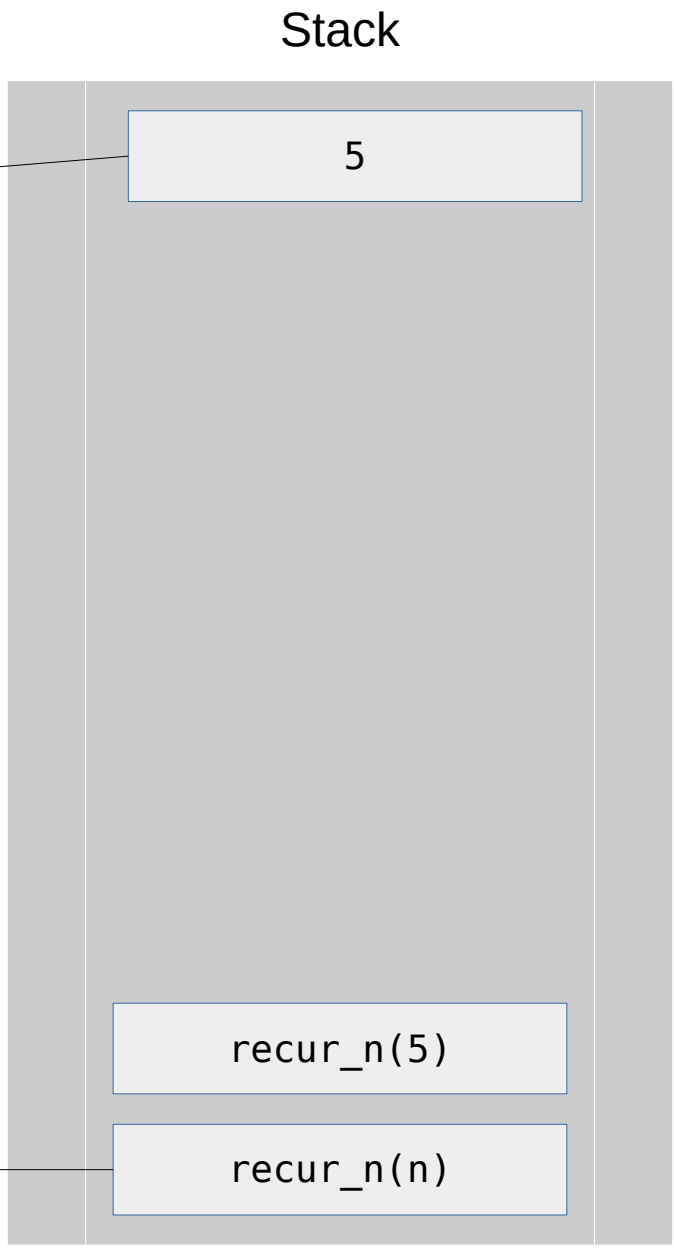

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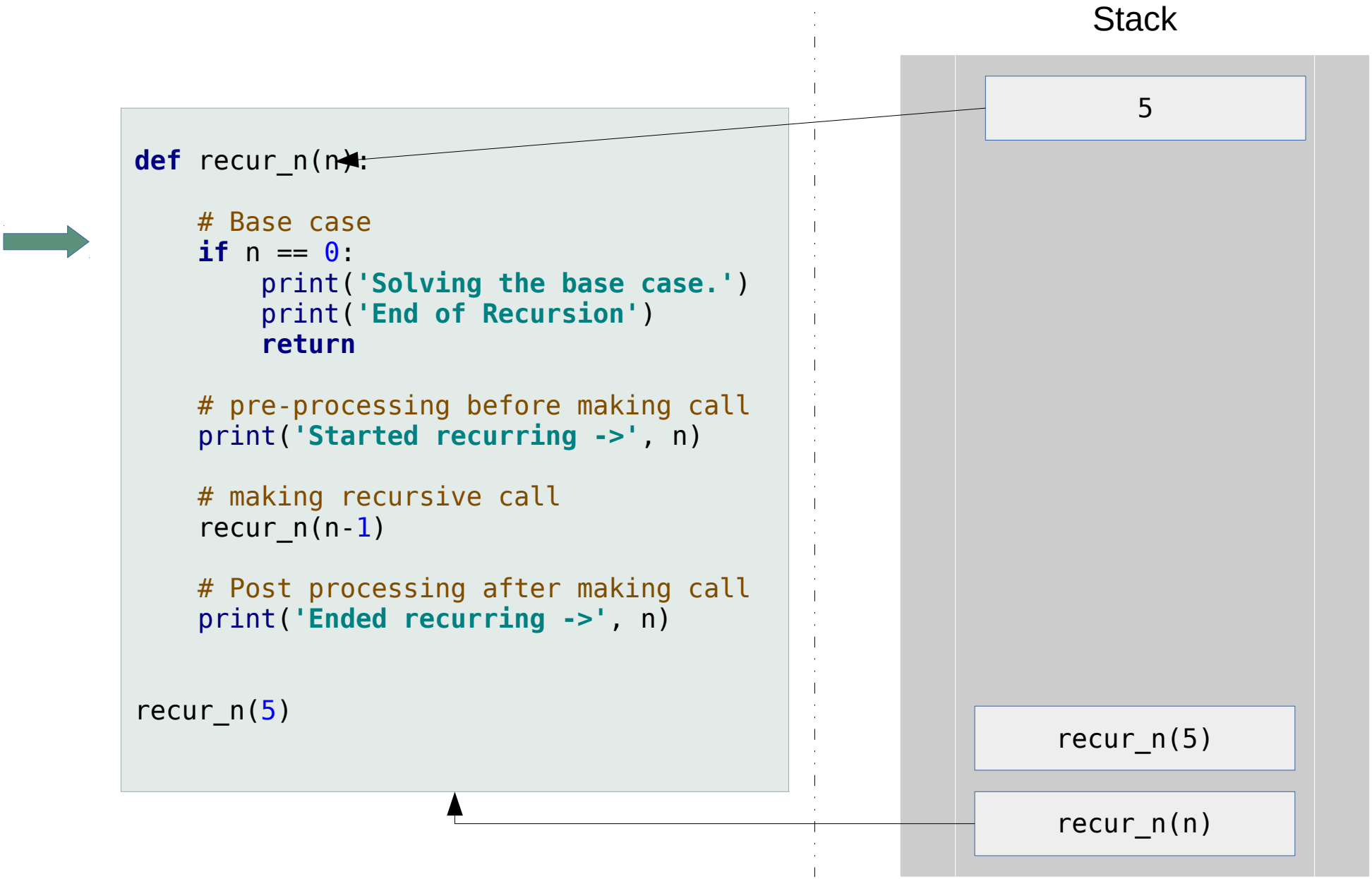

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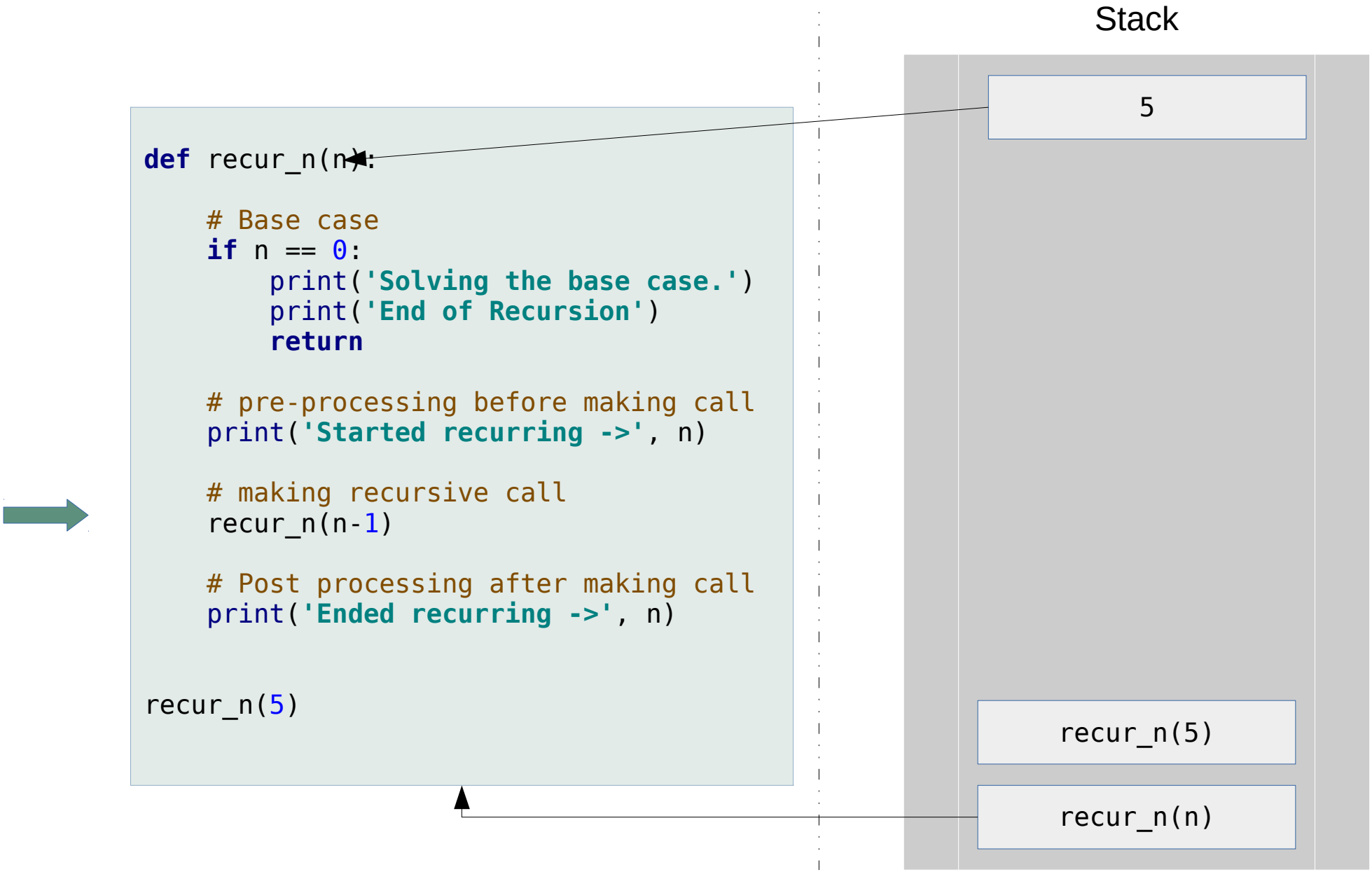

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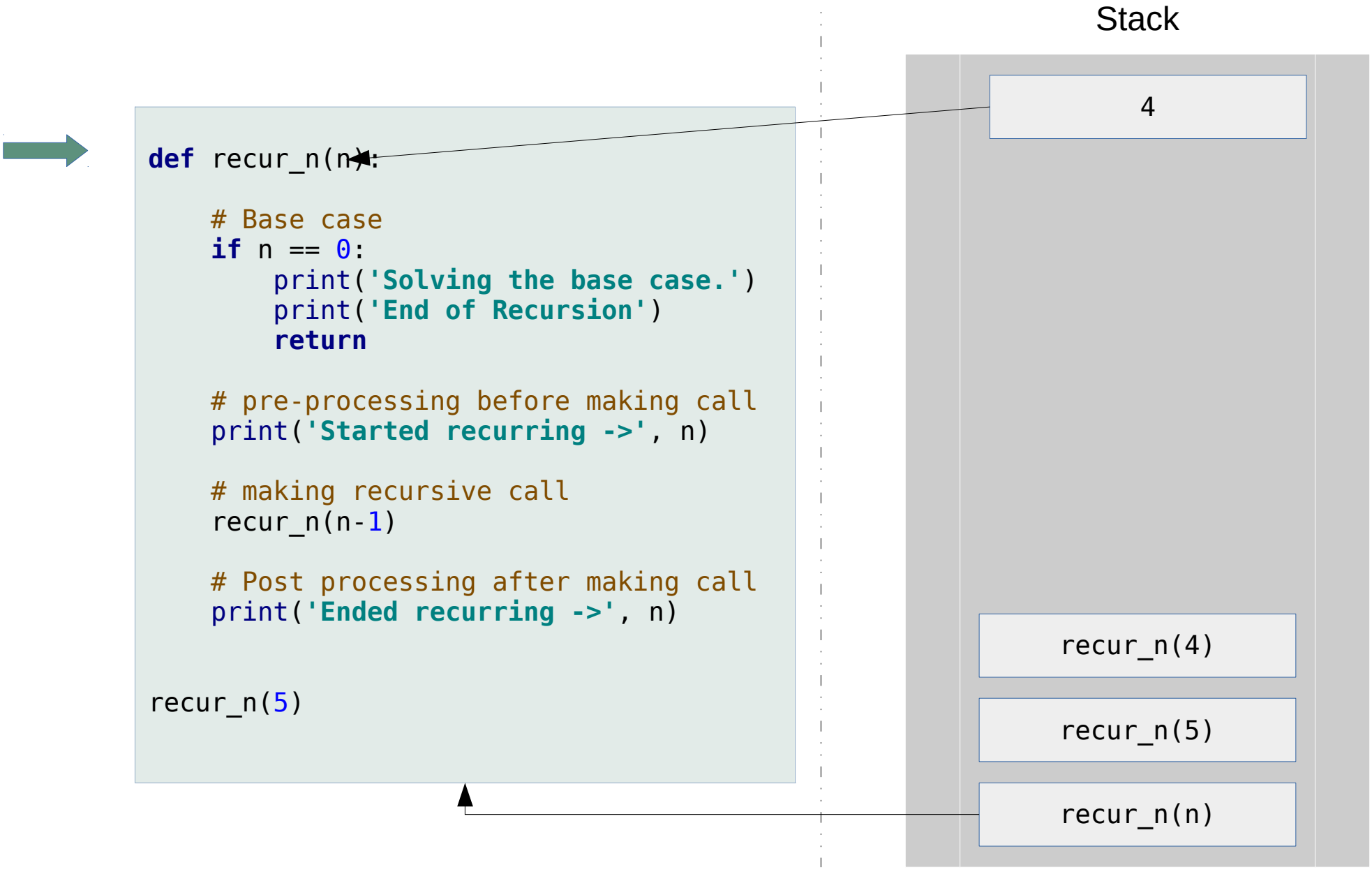

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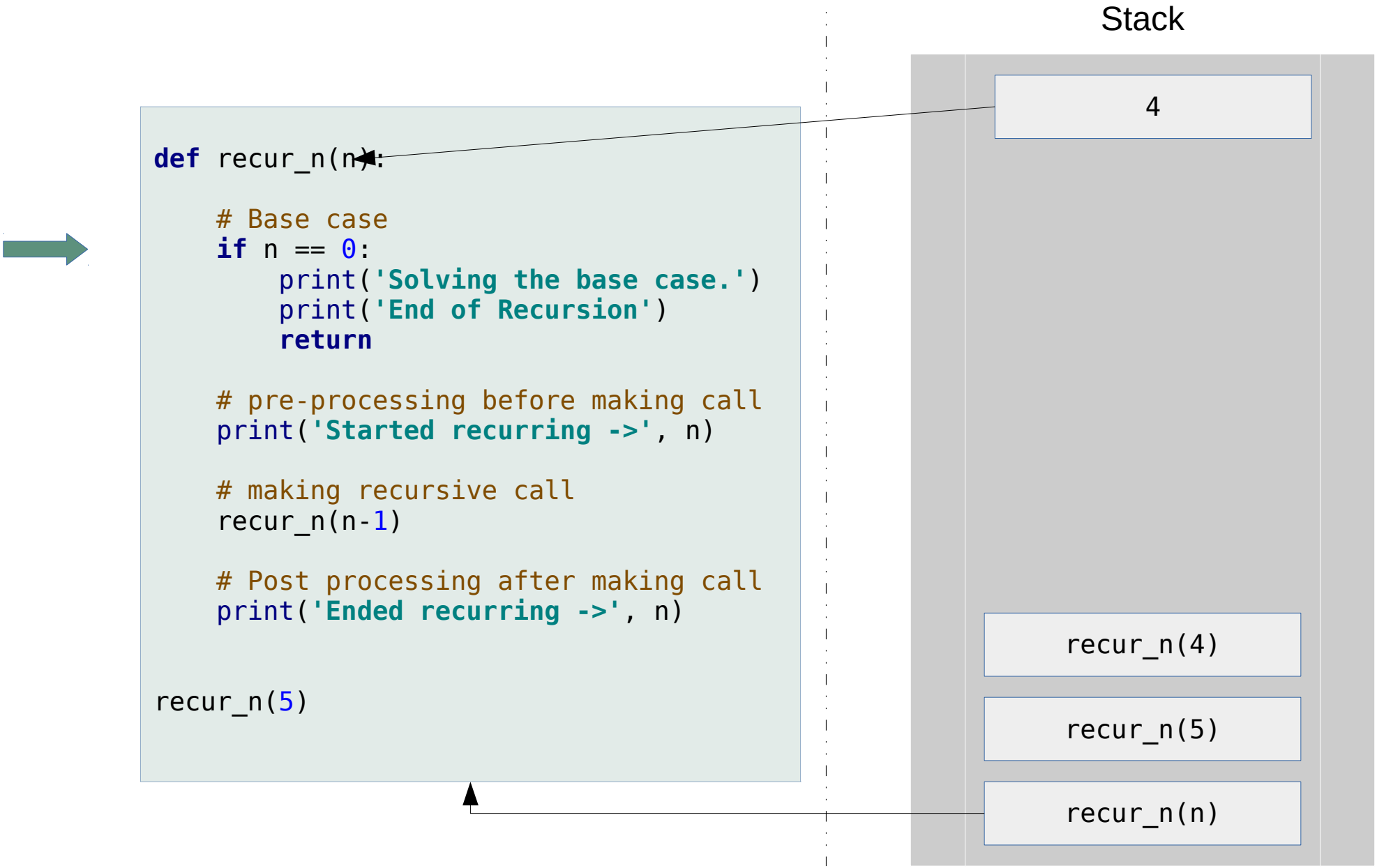

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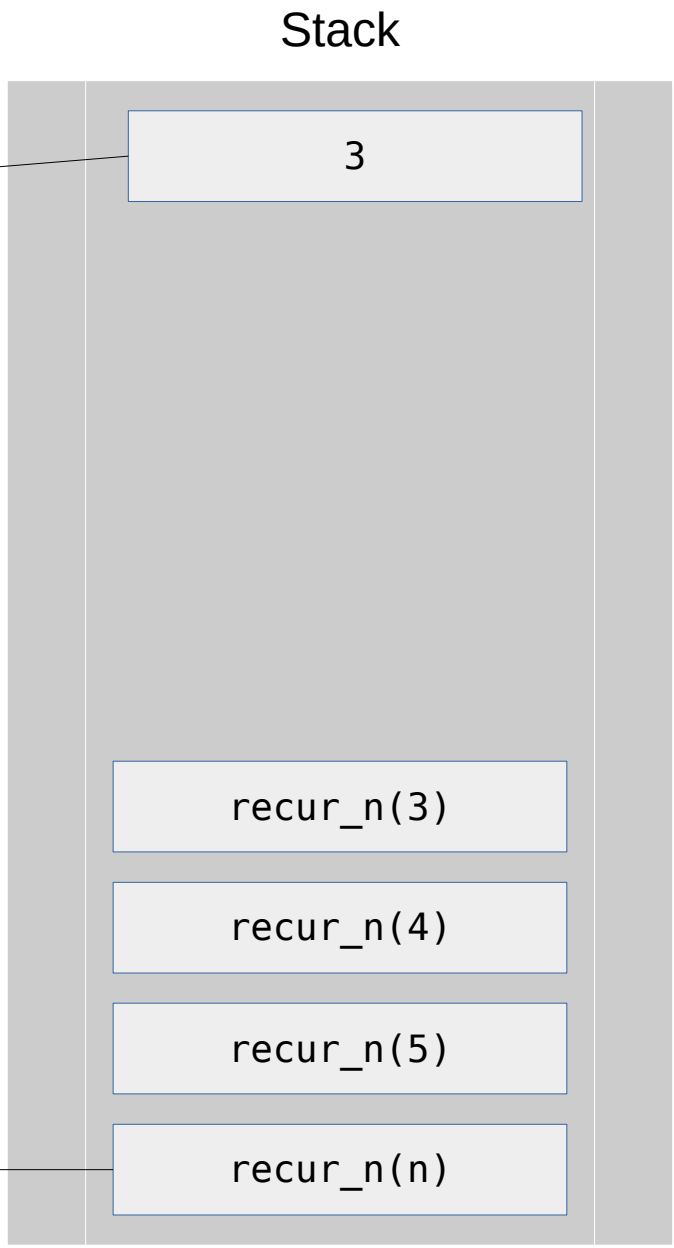

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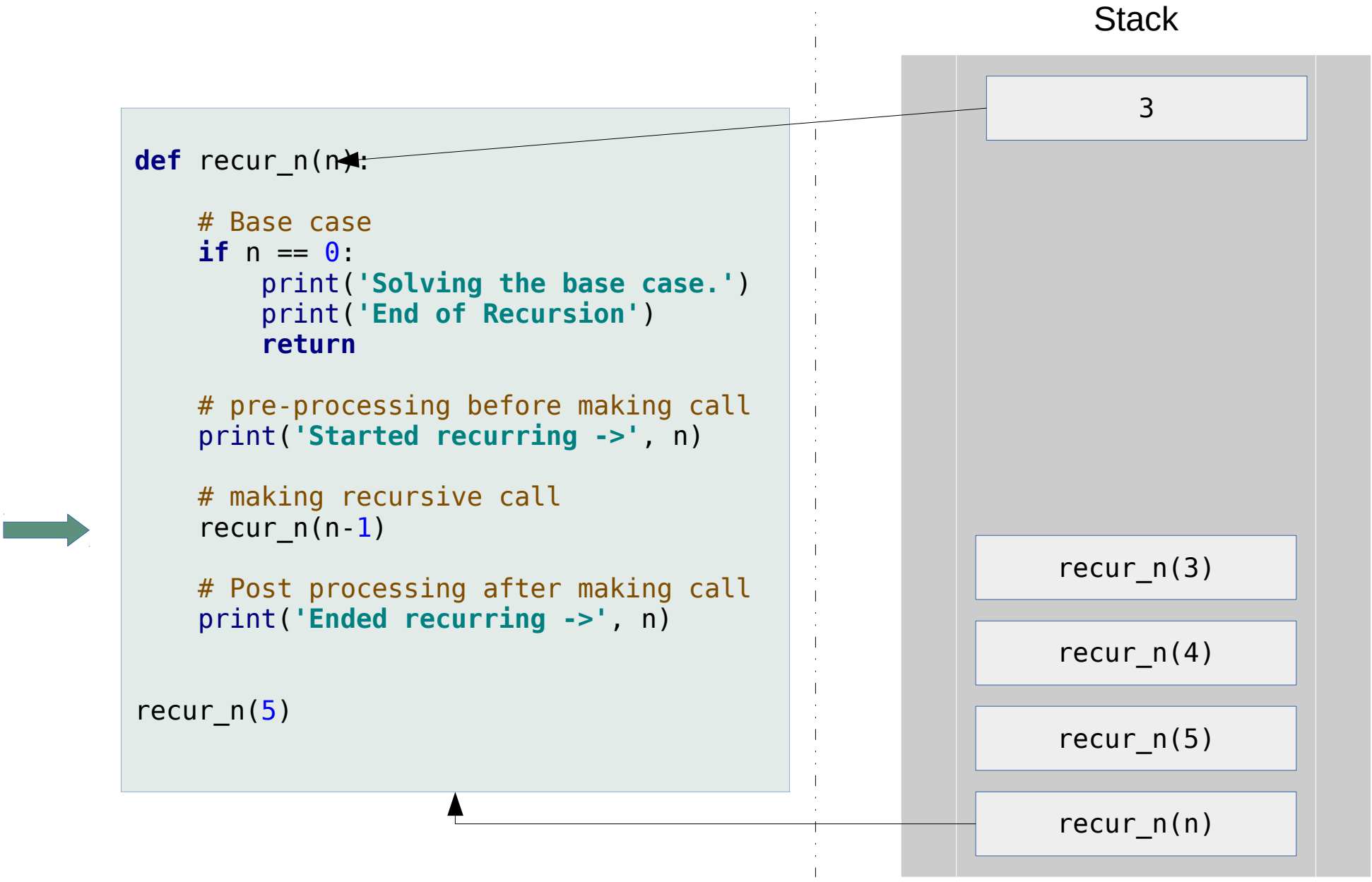

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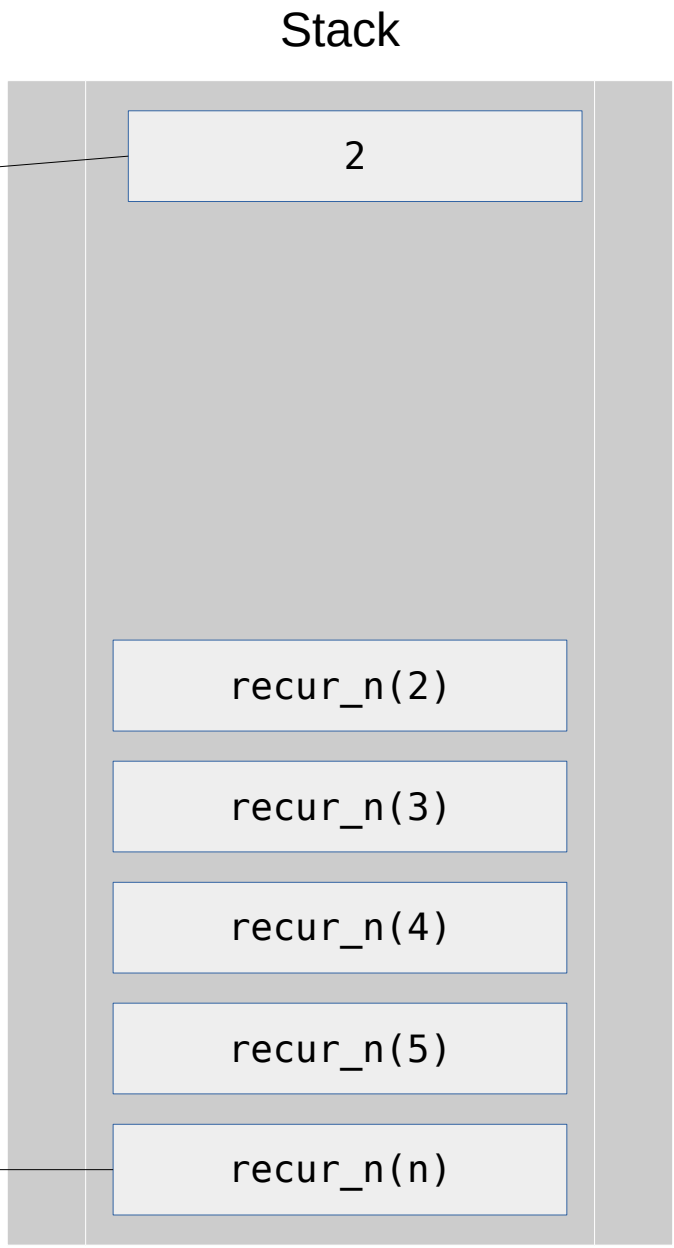

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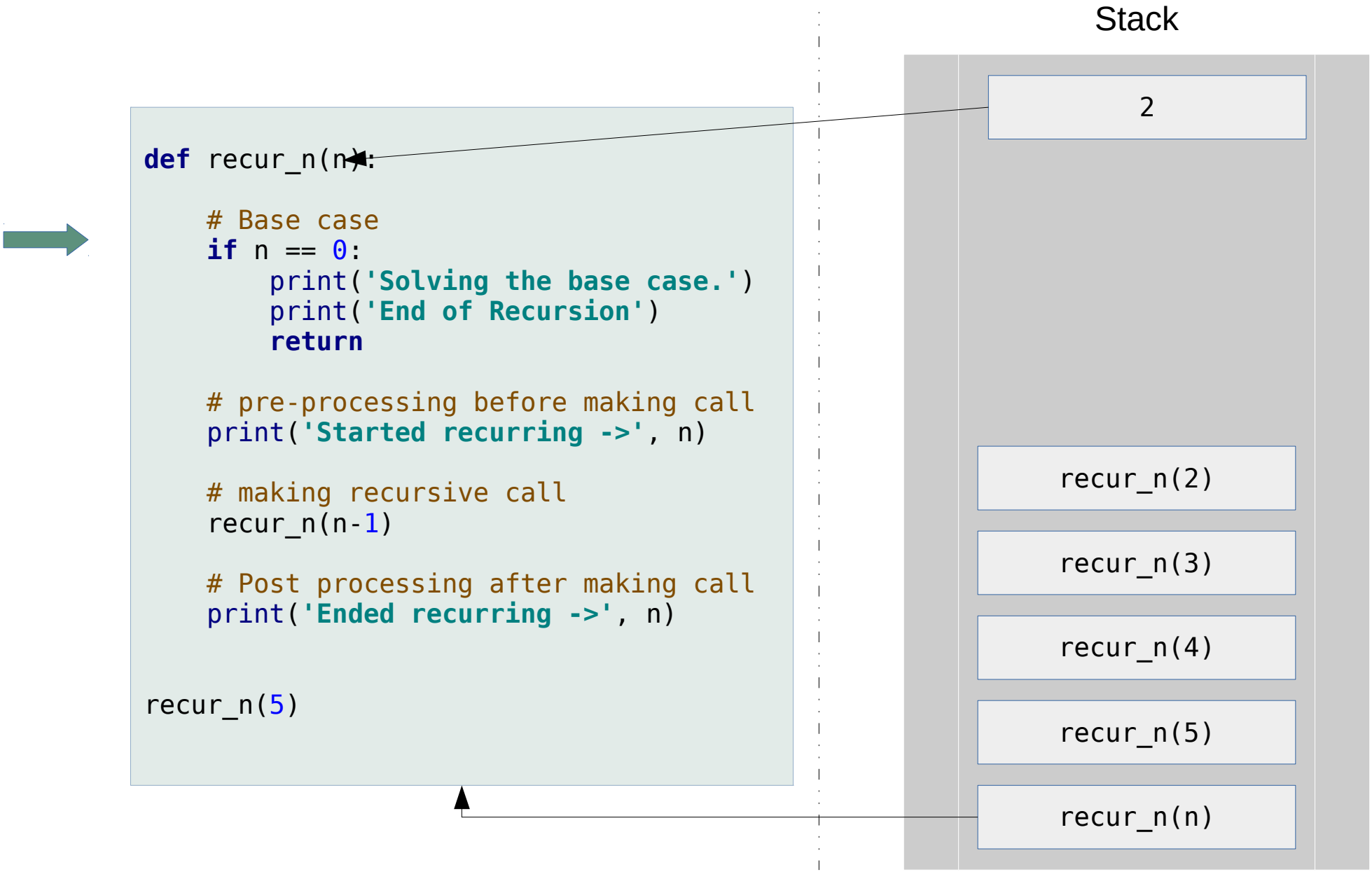

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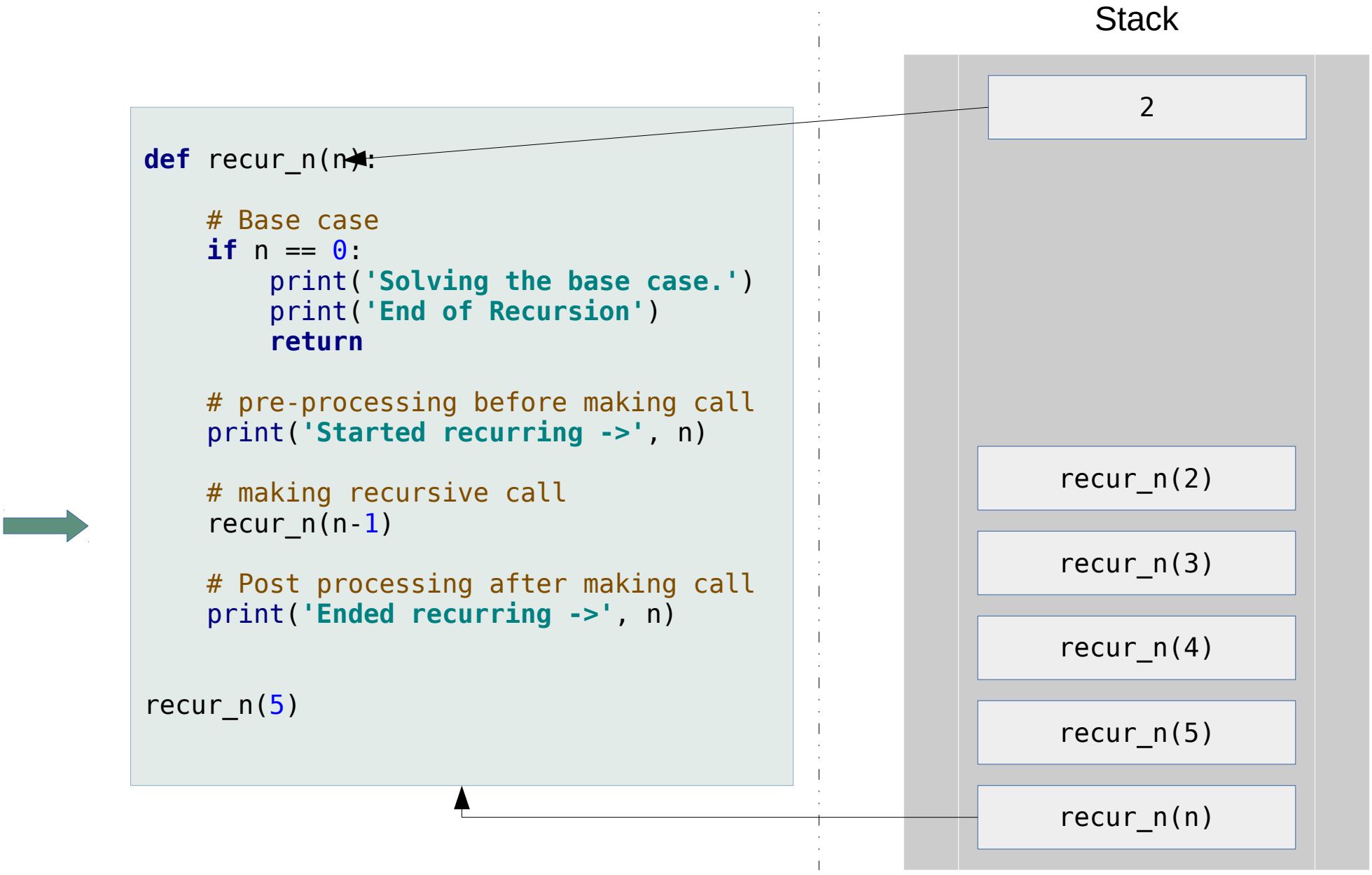

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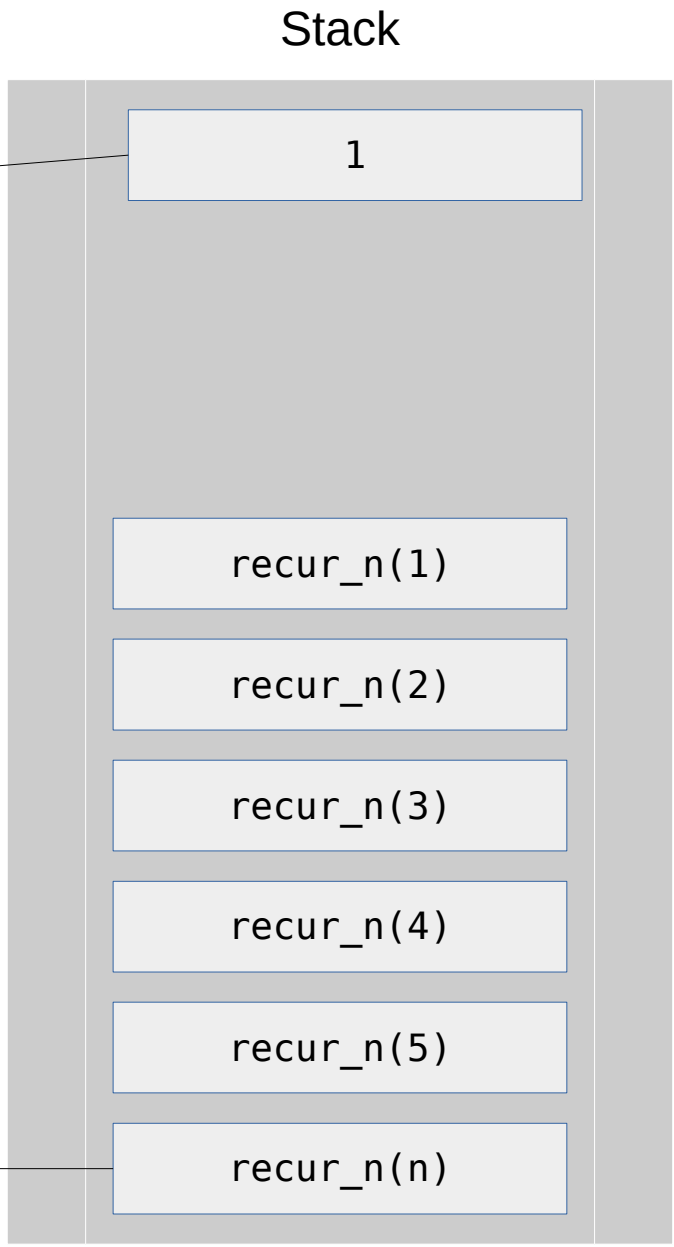

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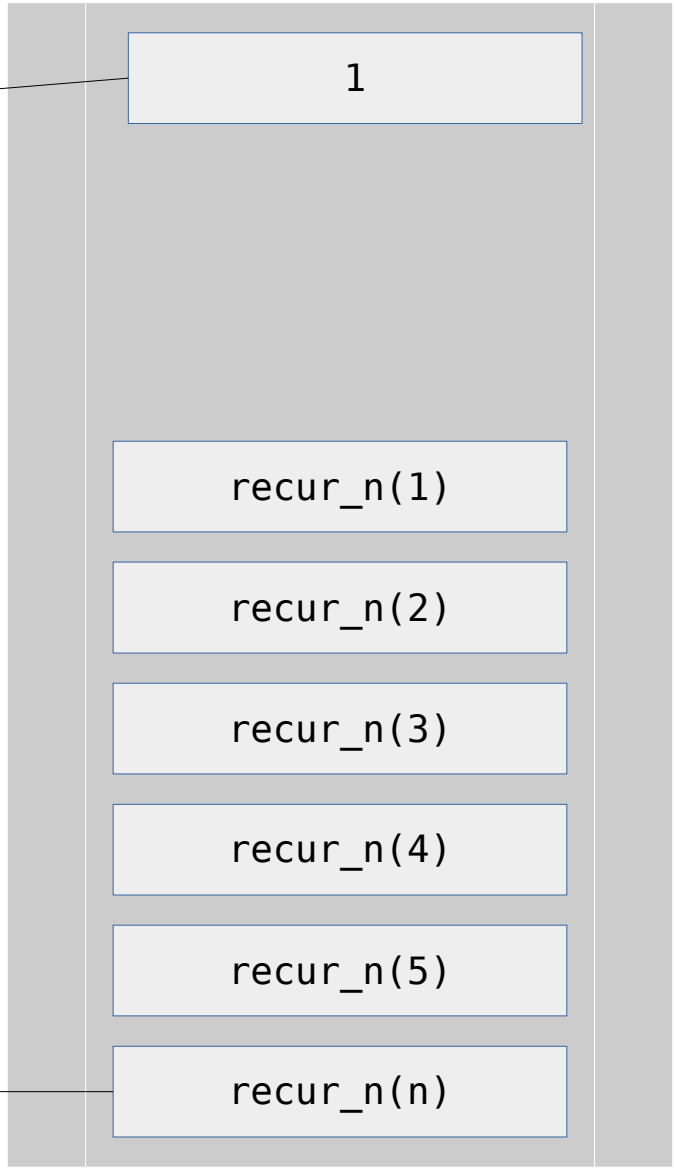

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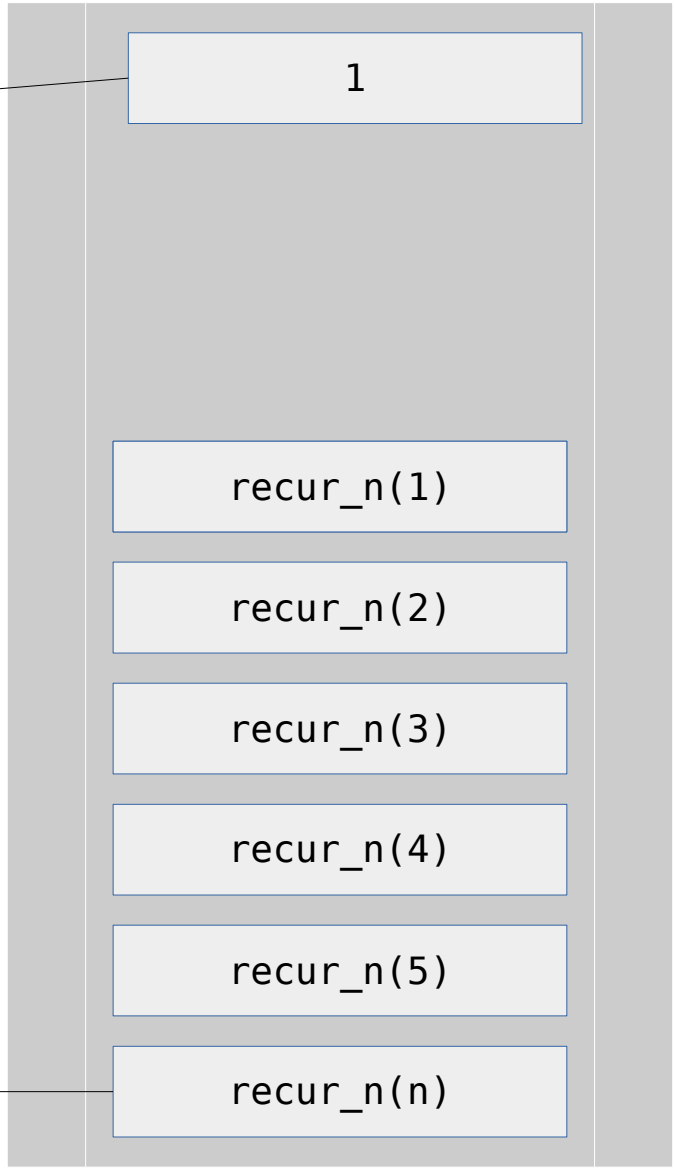

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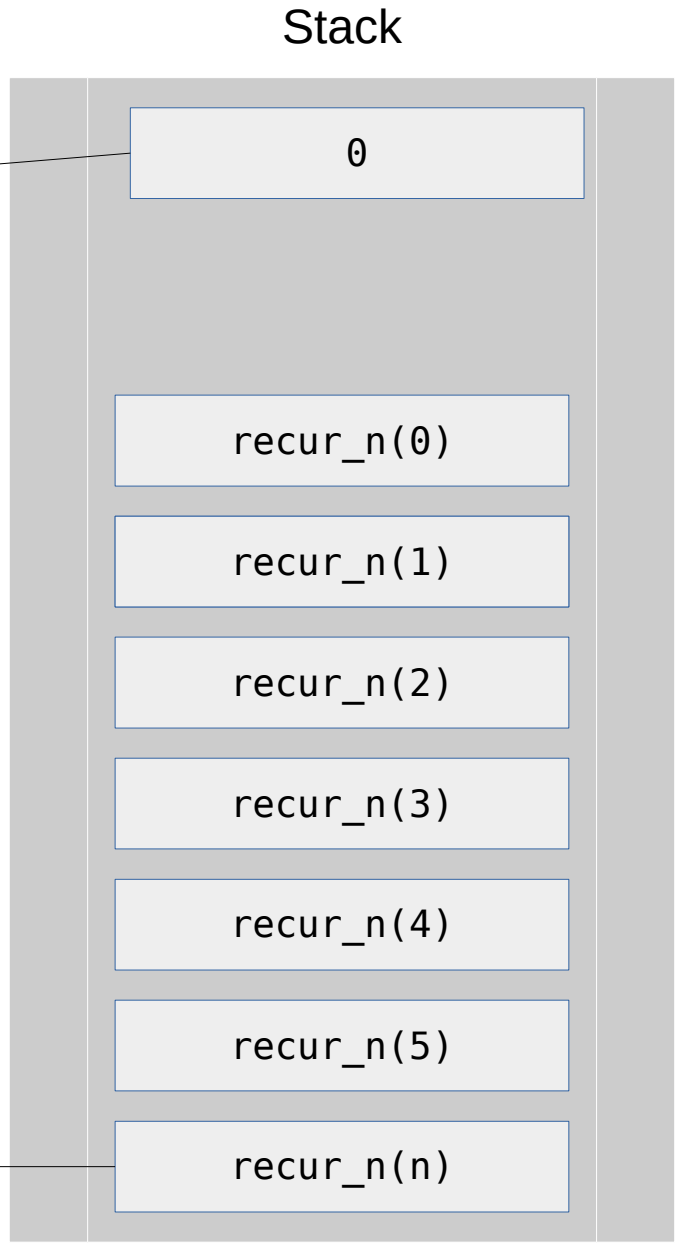

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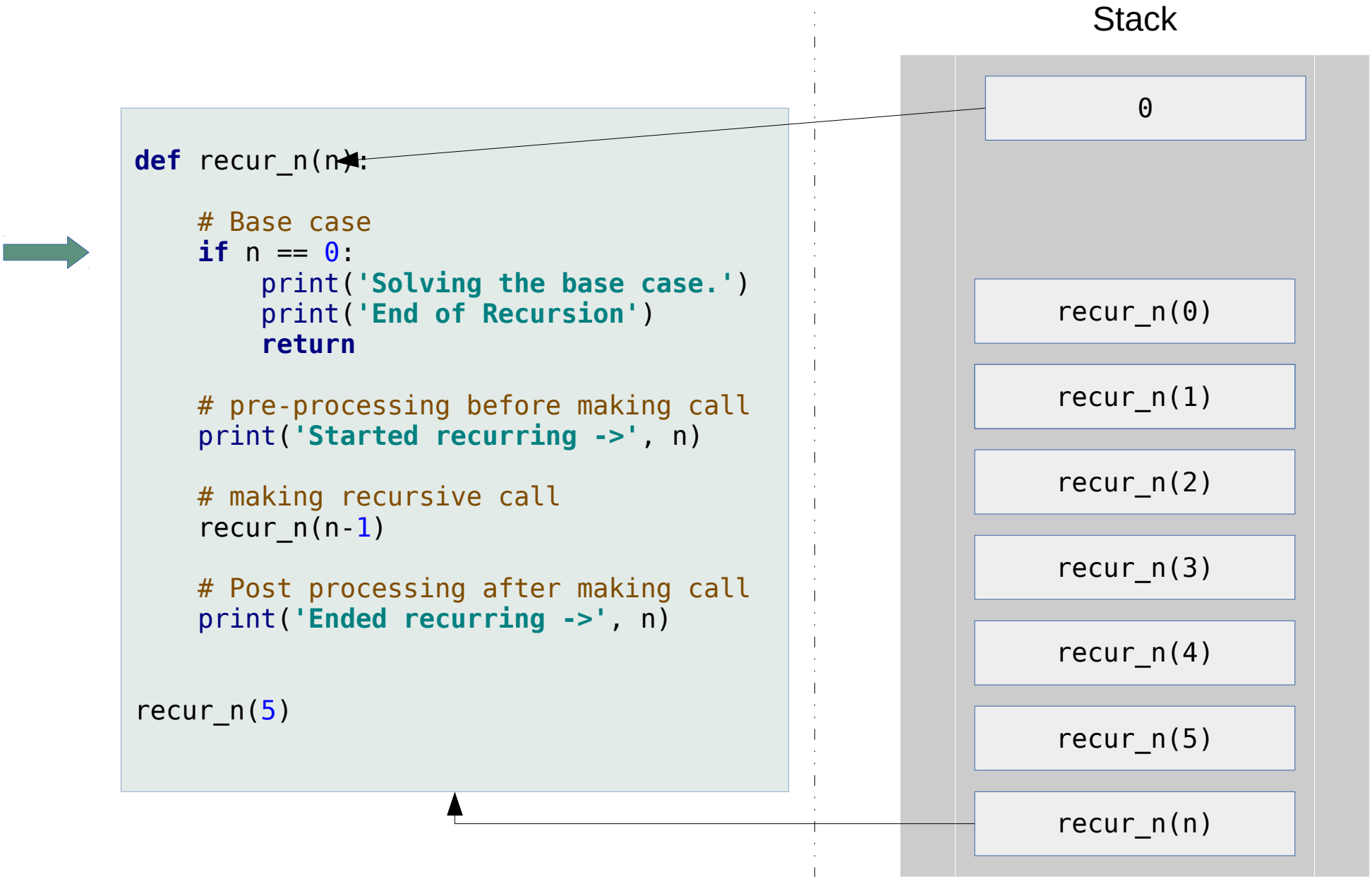

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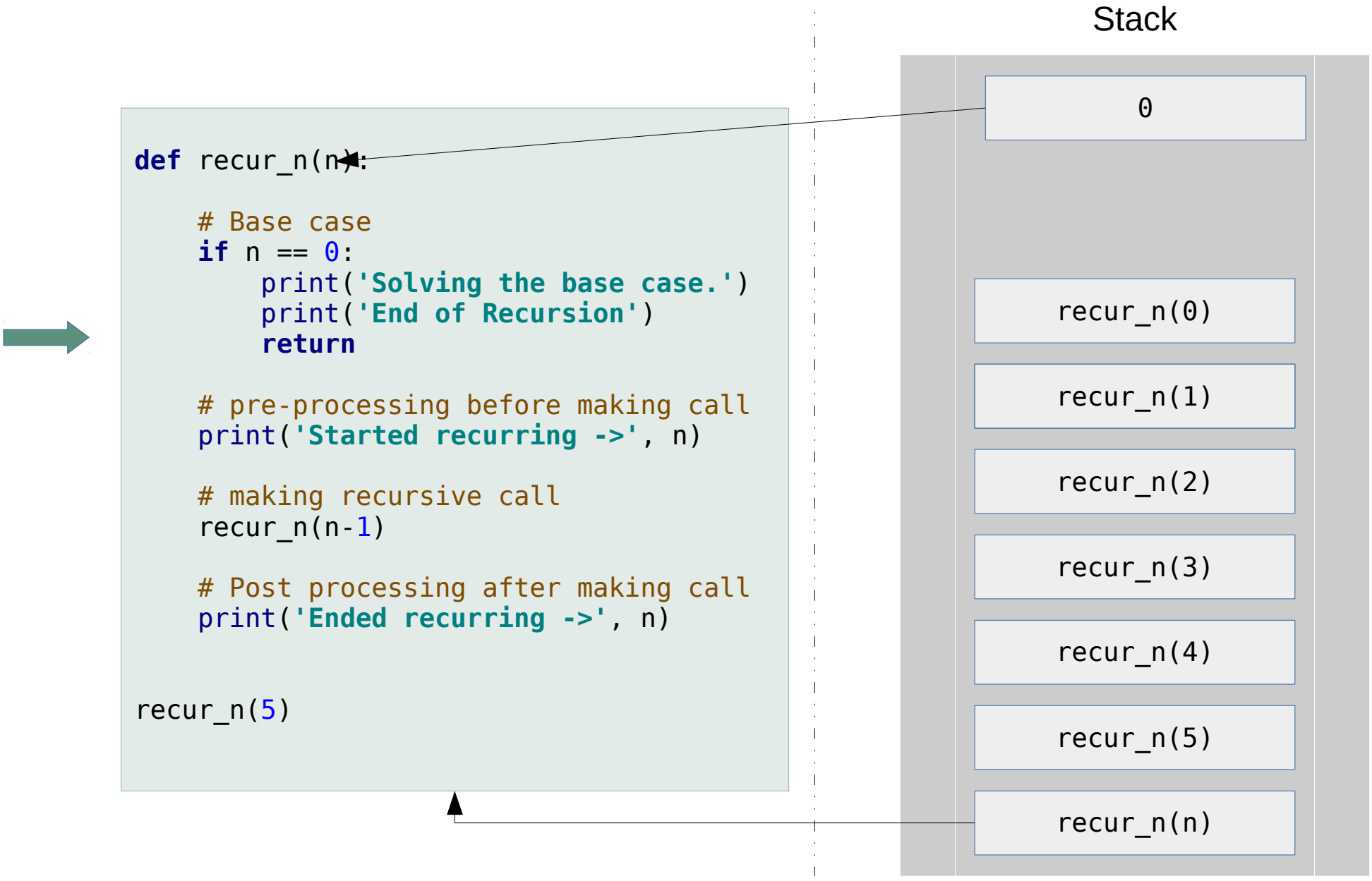

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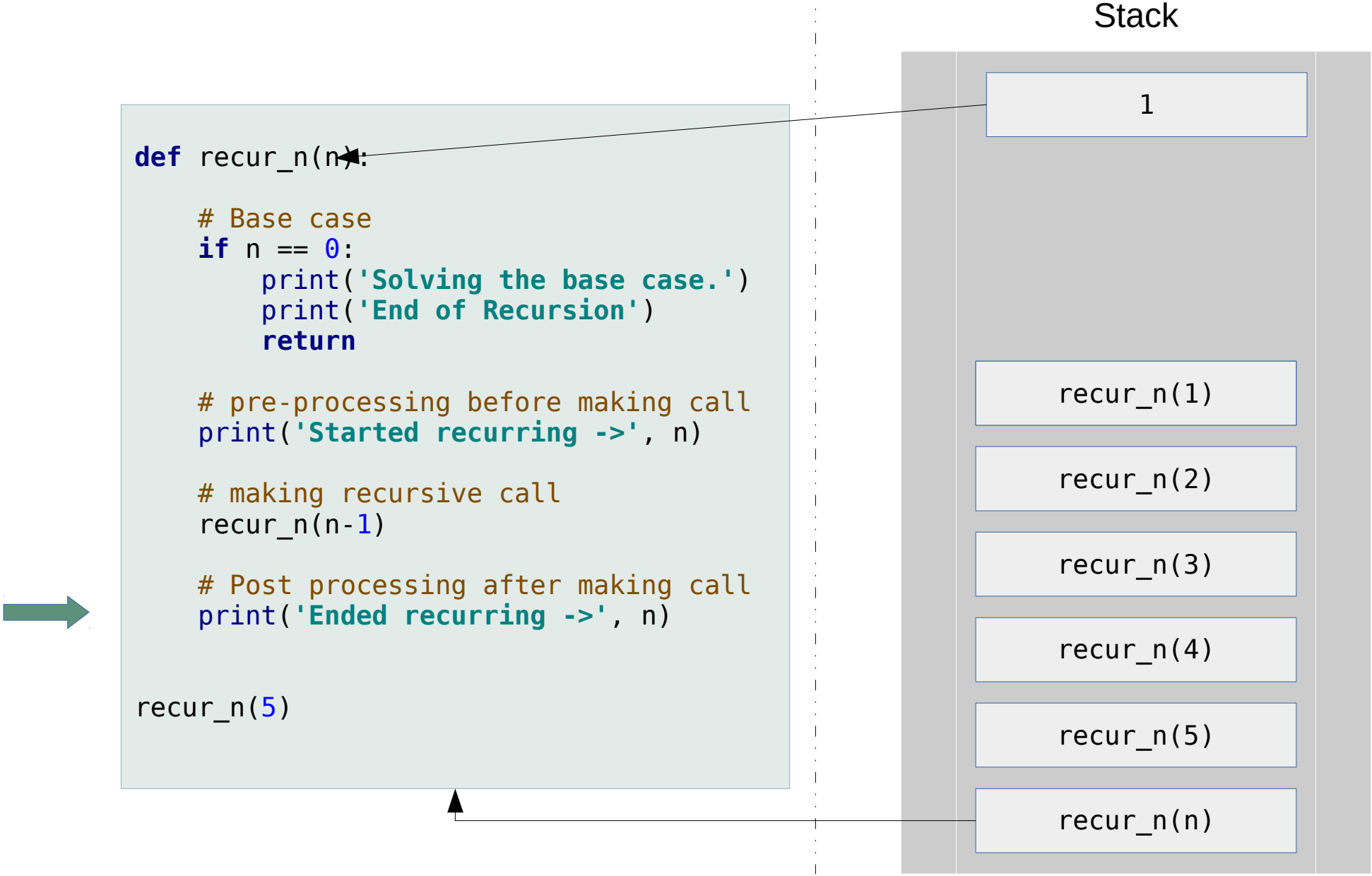

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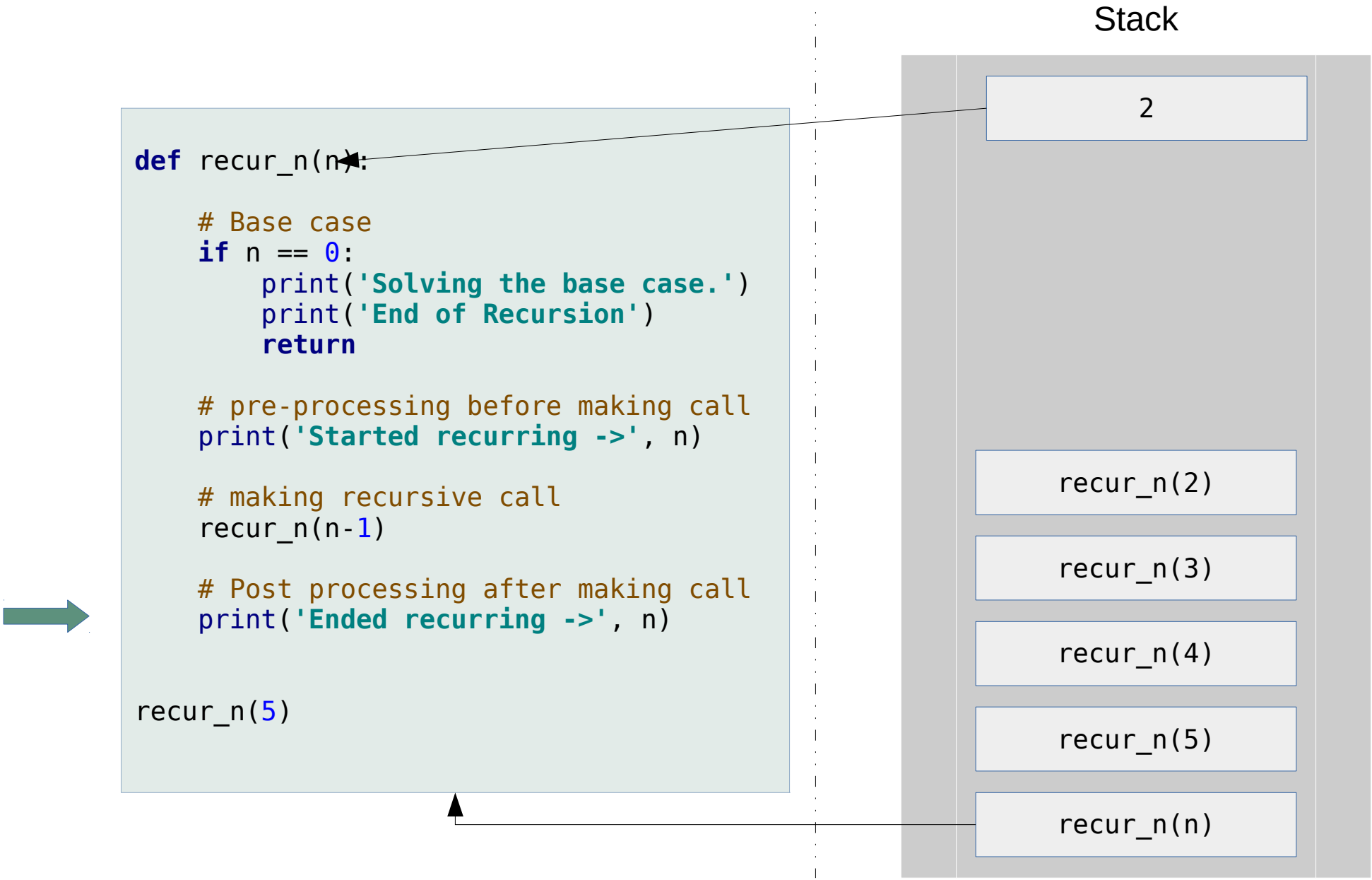

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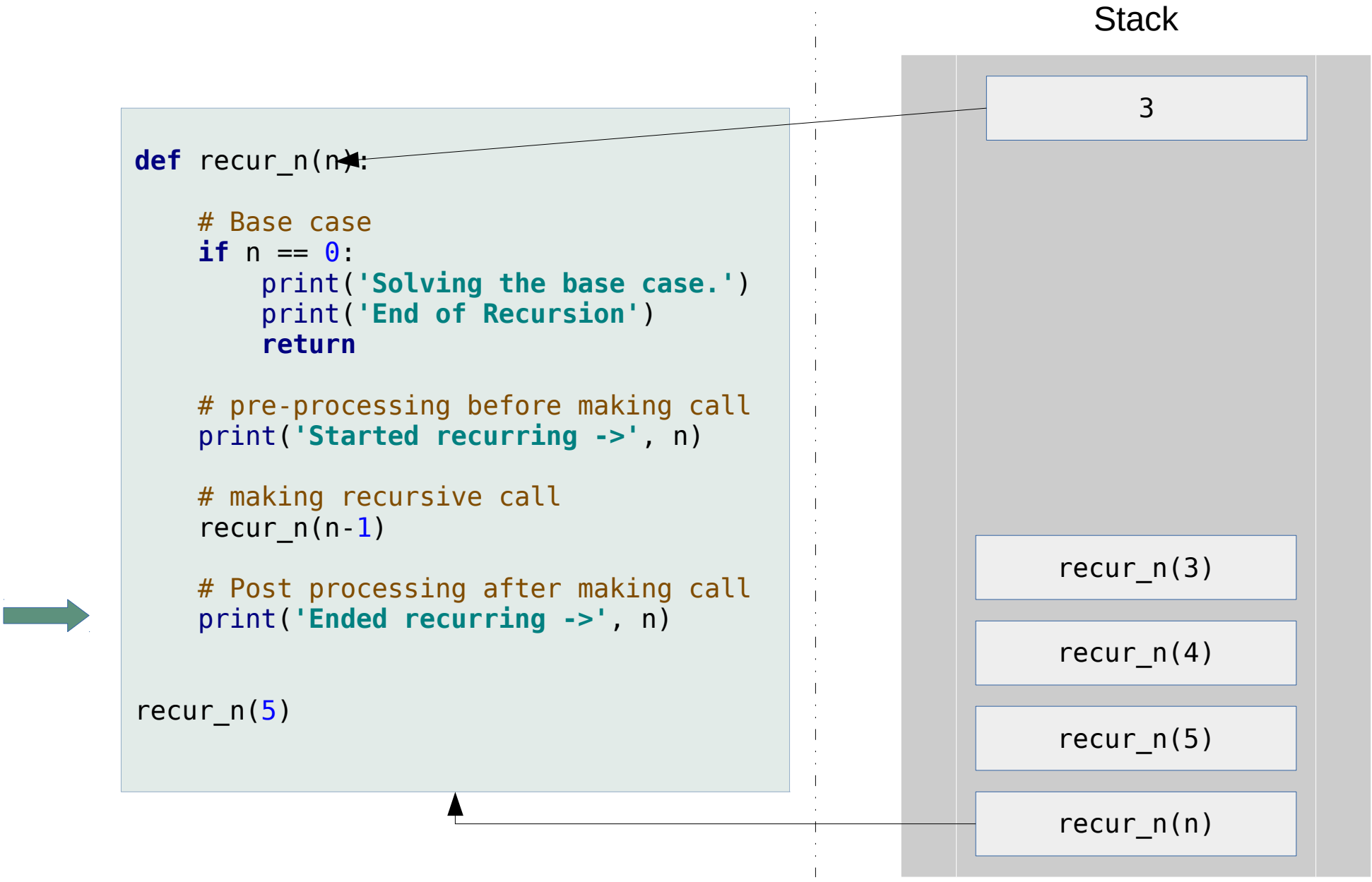

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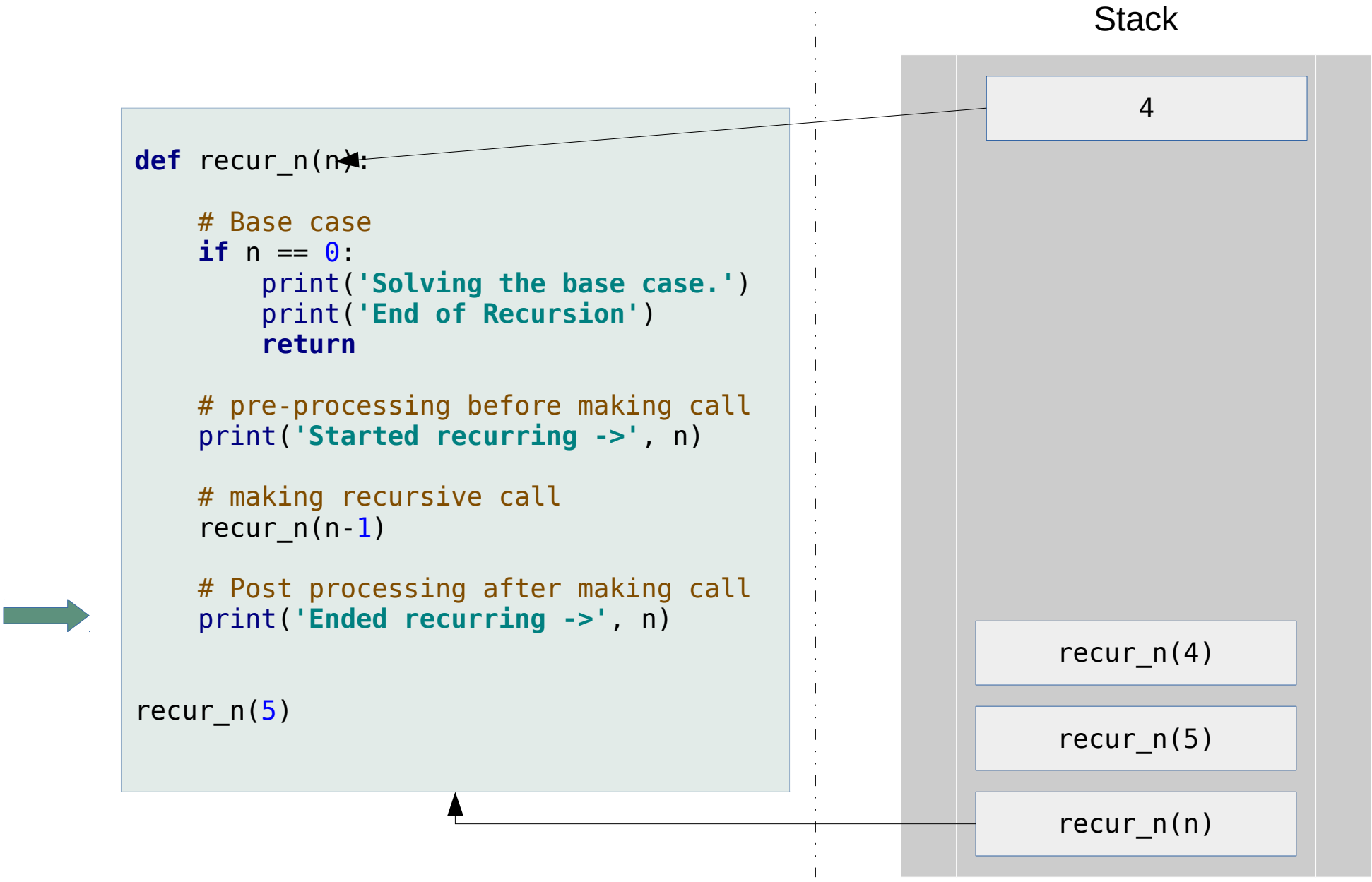

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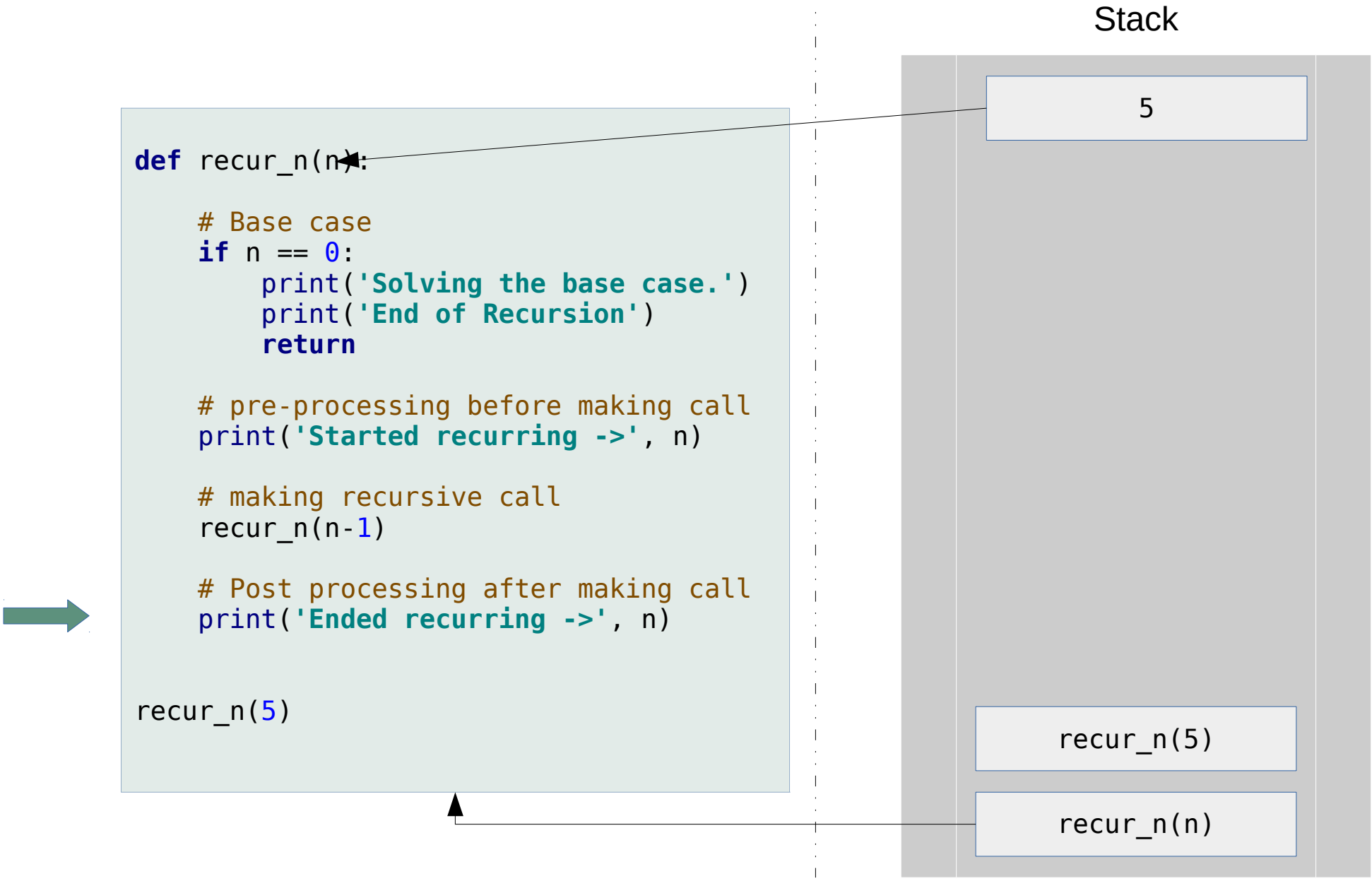

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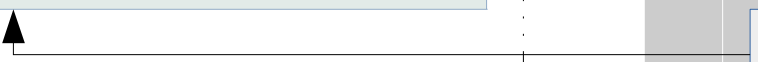

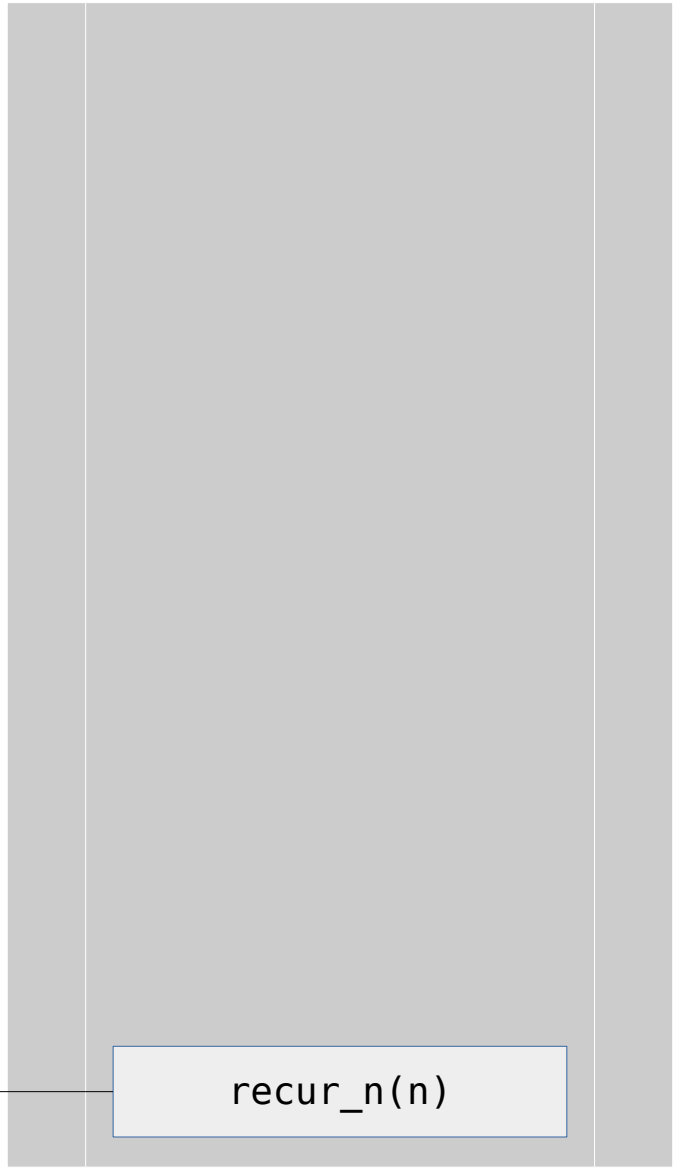

End