



Python

Pass by value
and
Pass by reference



Asha
Tutorials

Pass by value

Code :

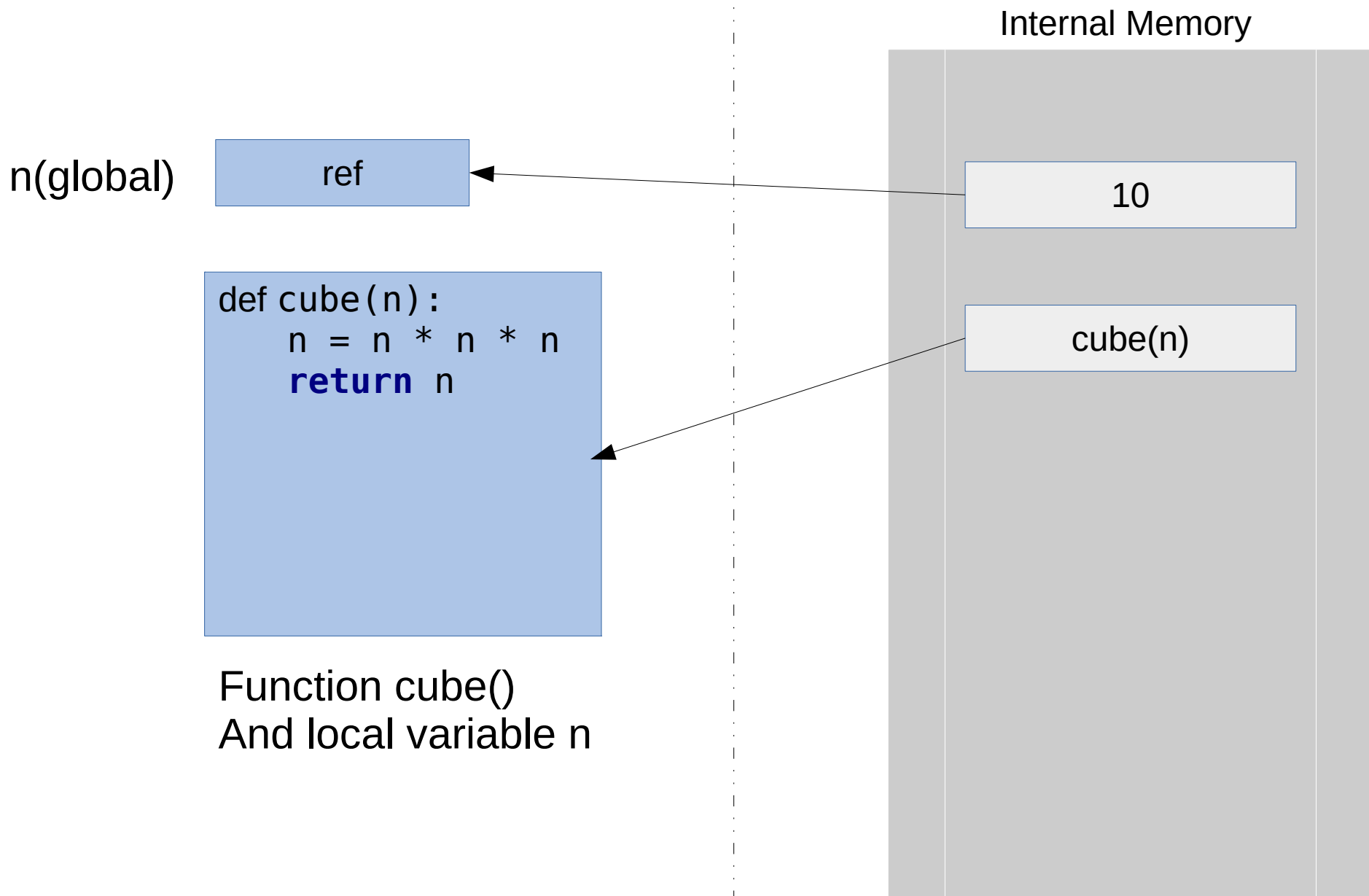
```
def cube(n: int) -> int:
    """
    Return cube of n (n*n*n)

    :param n: Int number for which cube to be calculated
    """
    n = n * n * n
    print('value of n inside the function :', n)
    return n

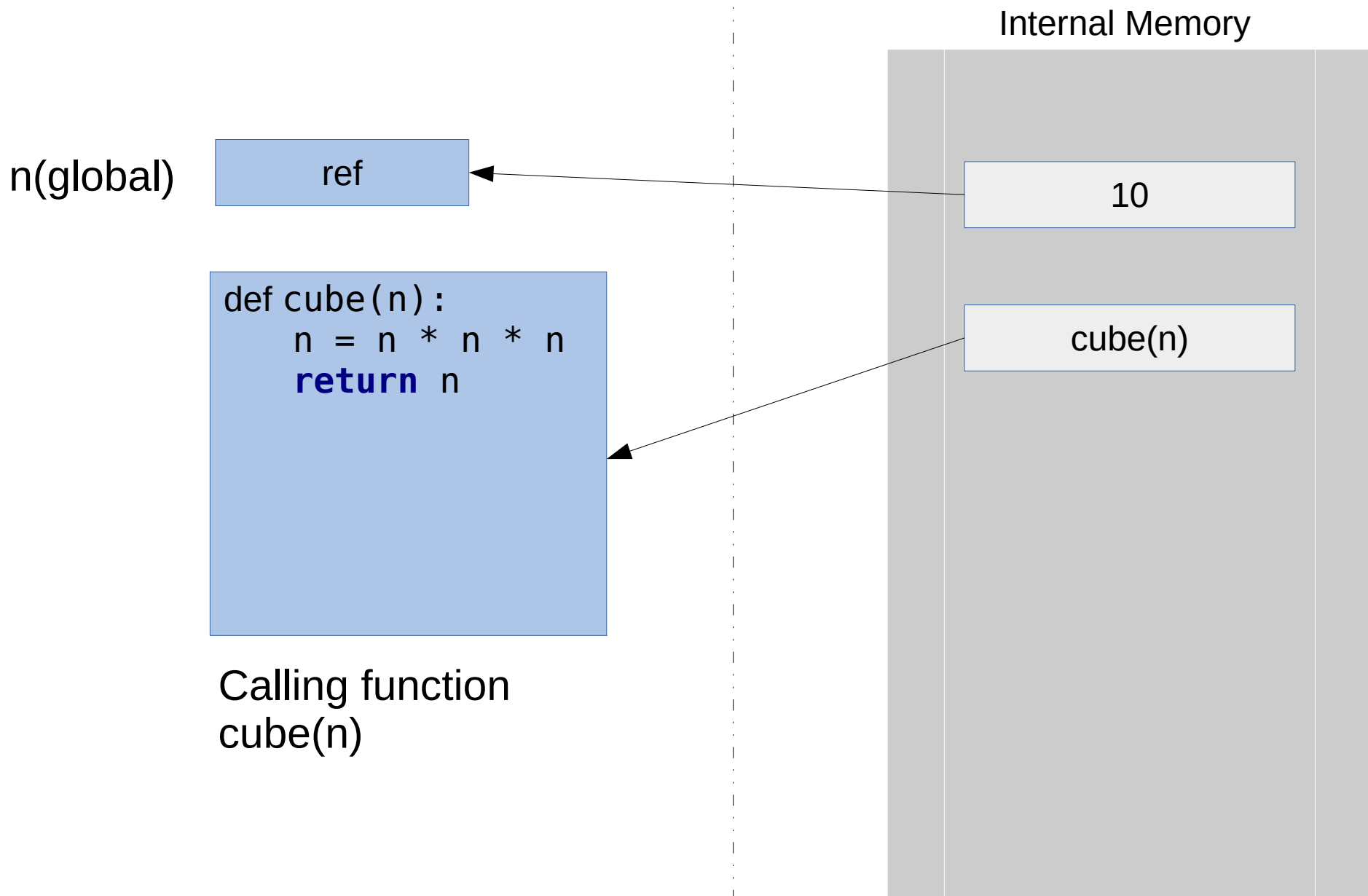
n = 10

print('value of n before calling function :', n)
cube(n)
print('value of n after calling function :', n)
```

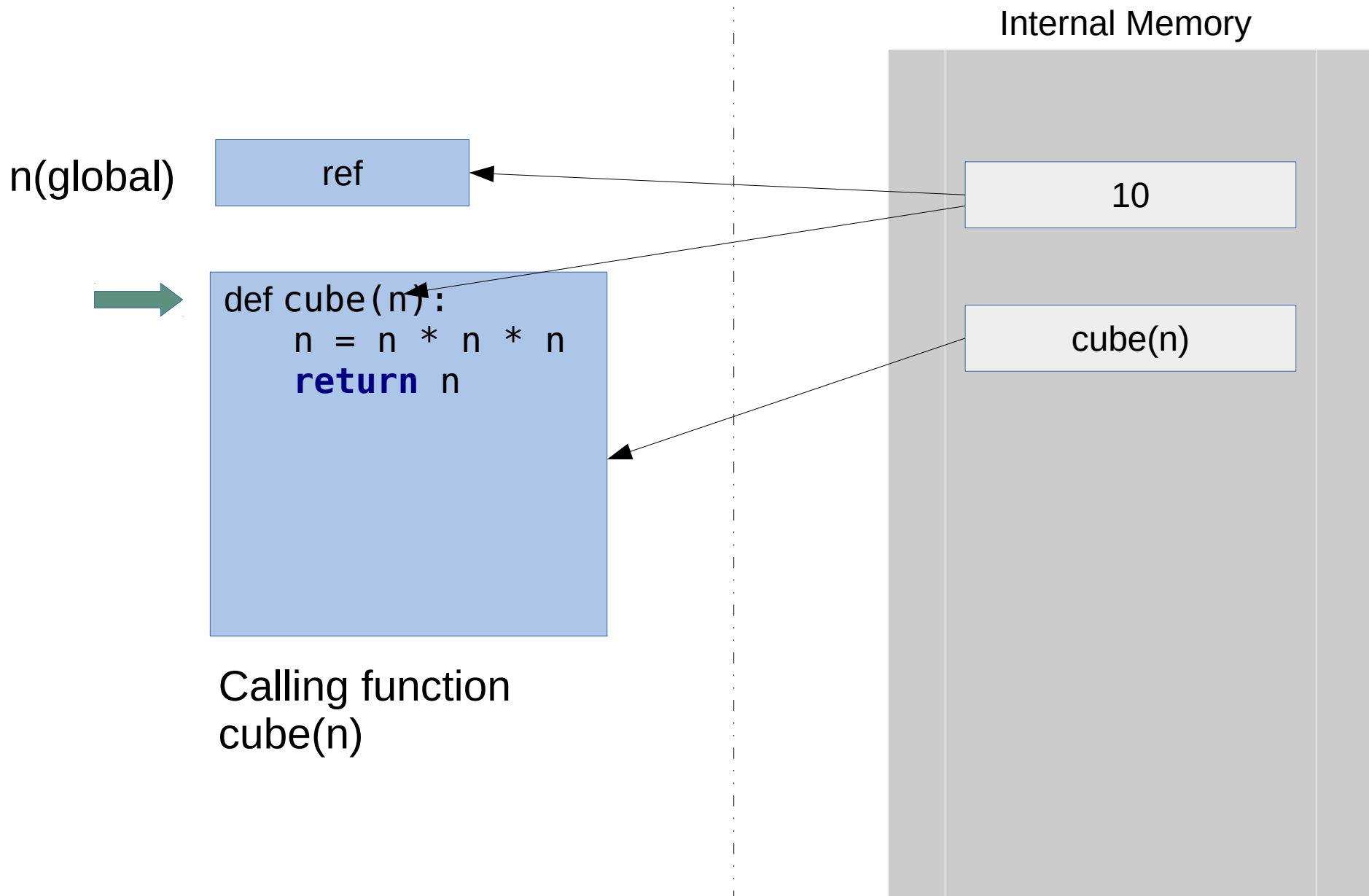
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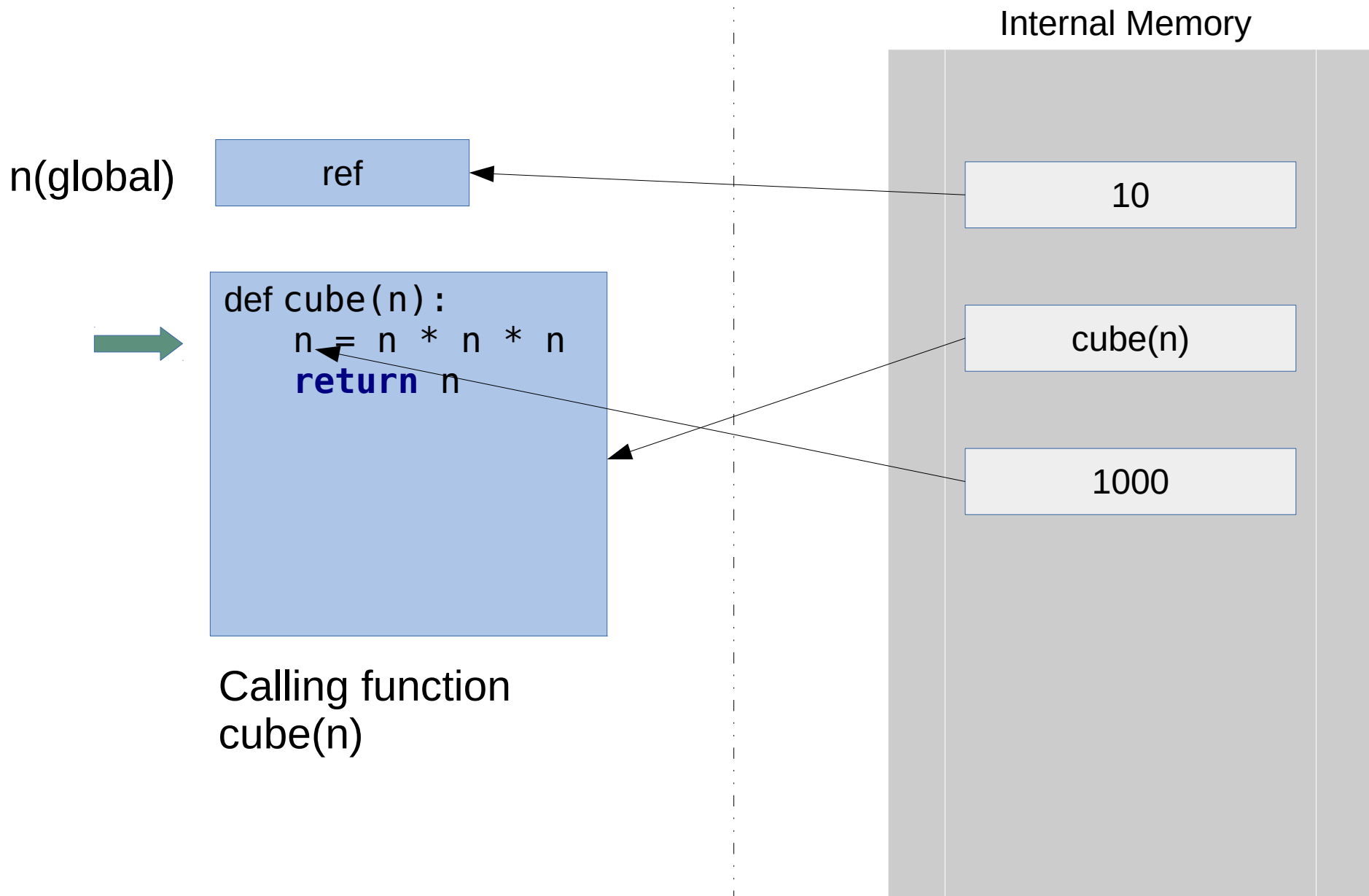
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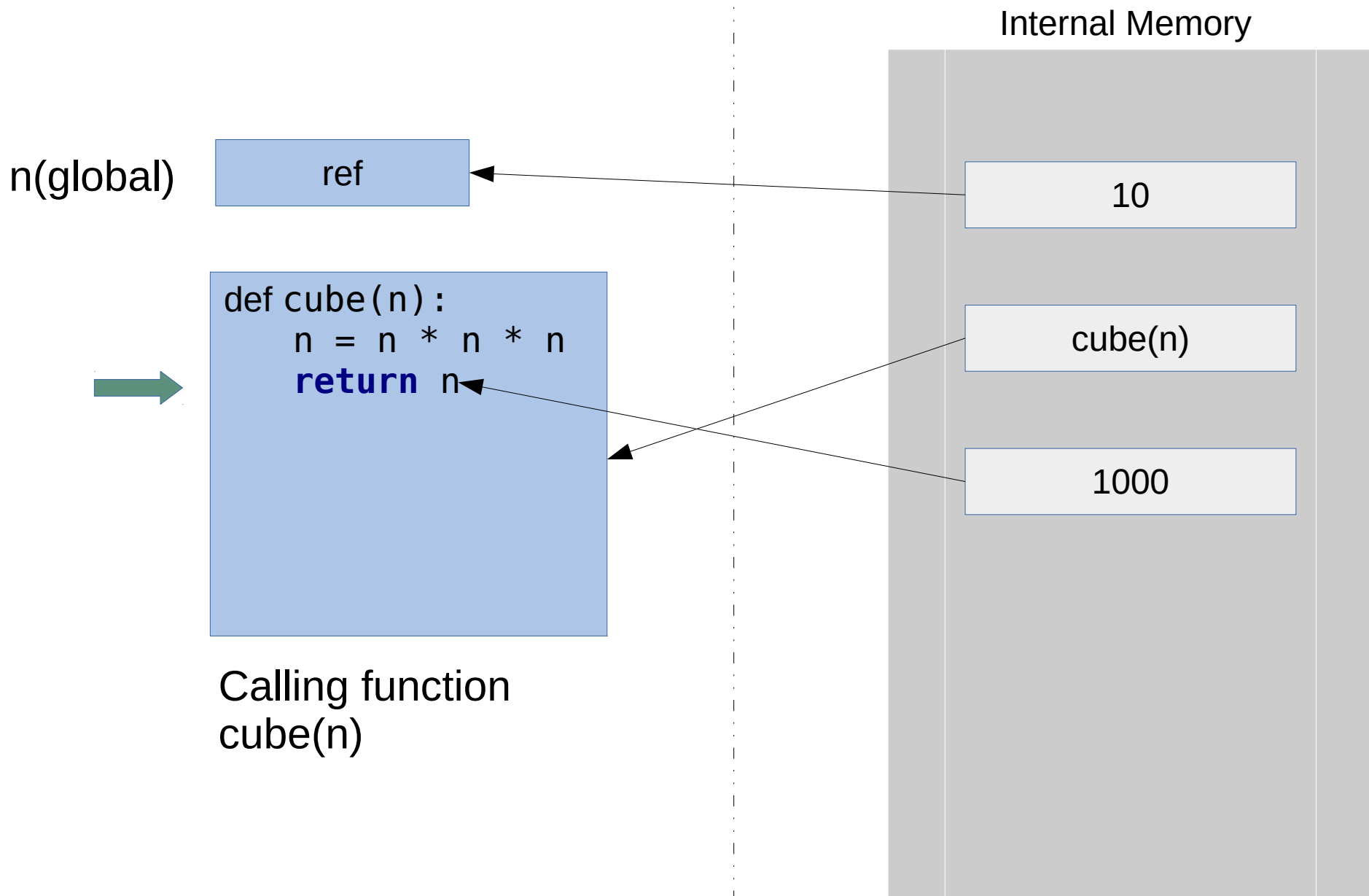
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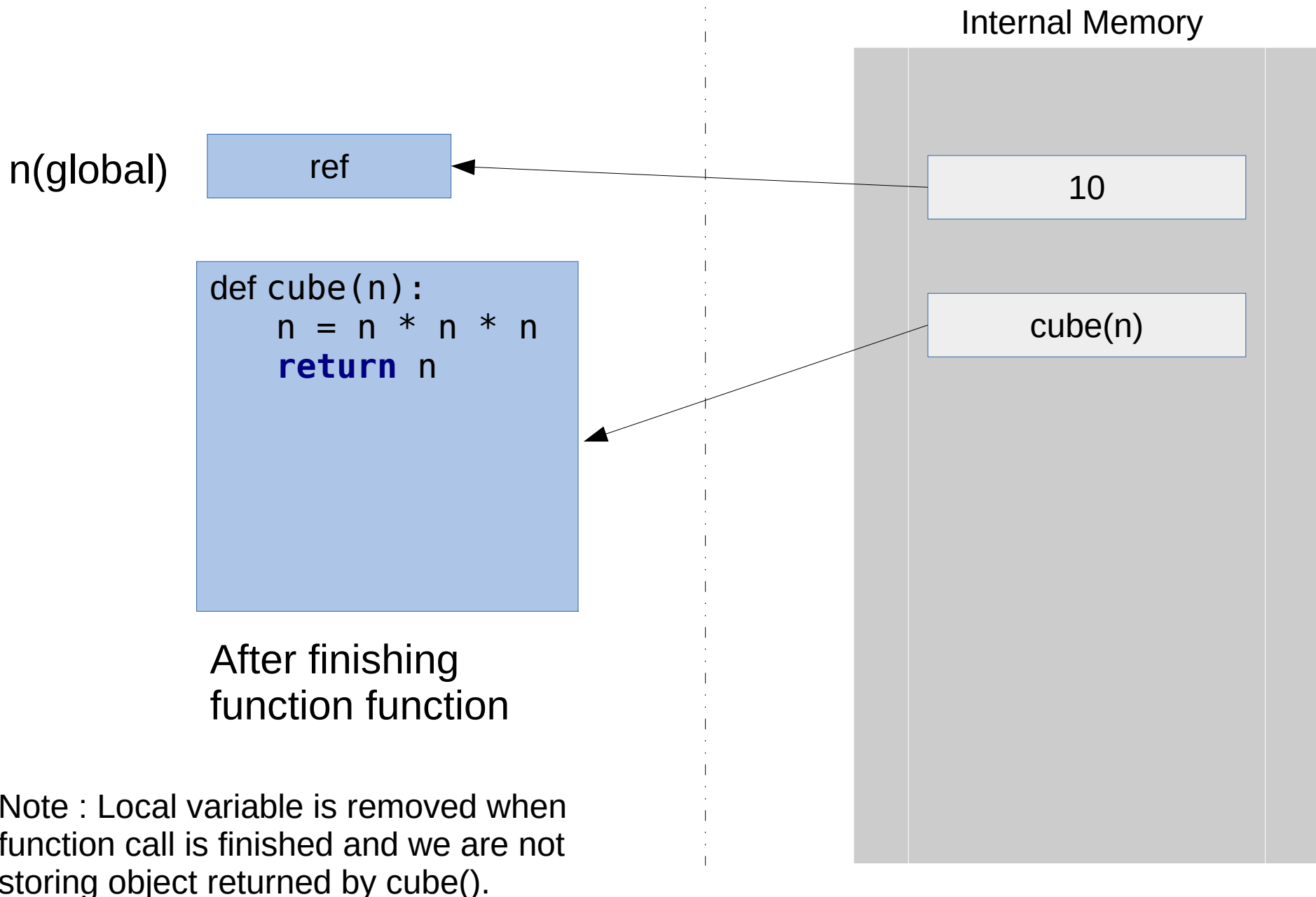
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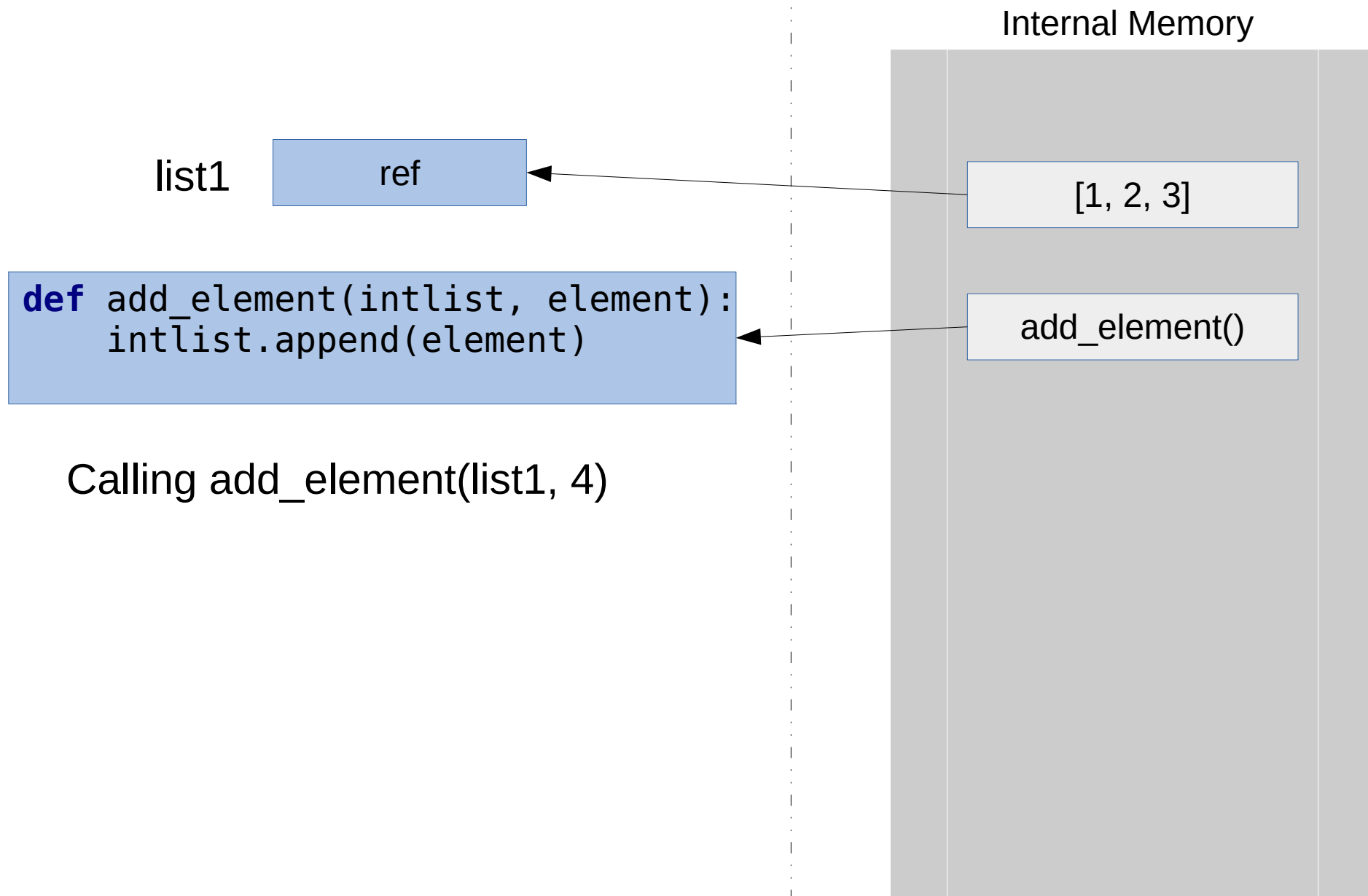
Code :

```
list1 = [1, 2, 3]

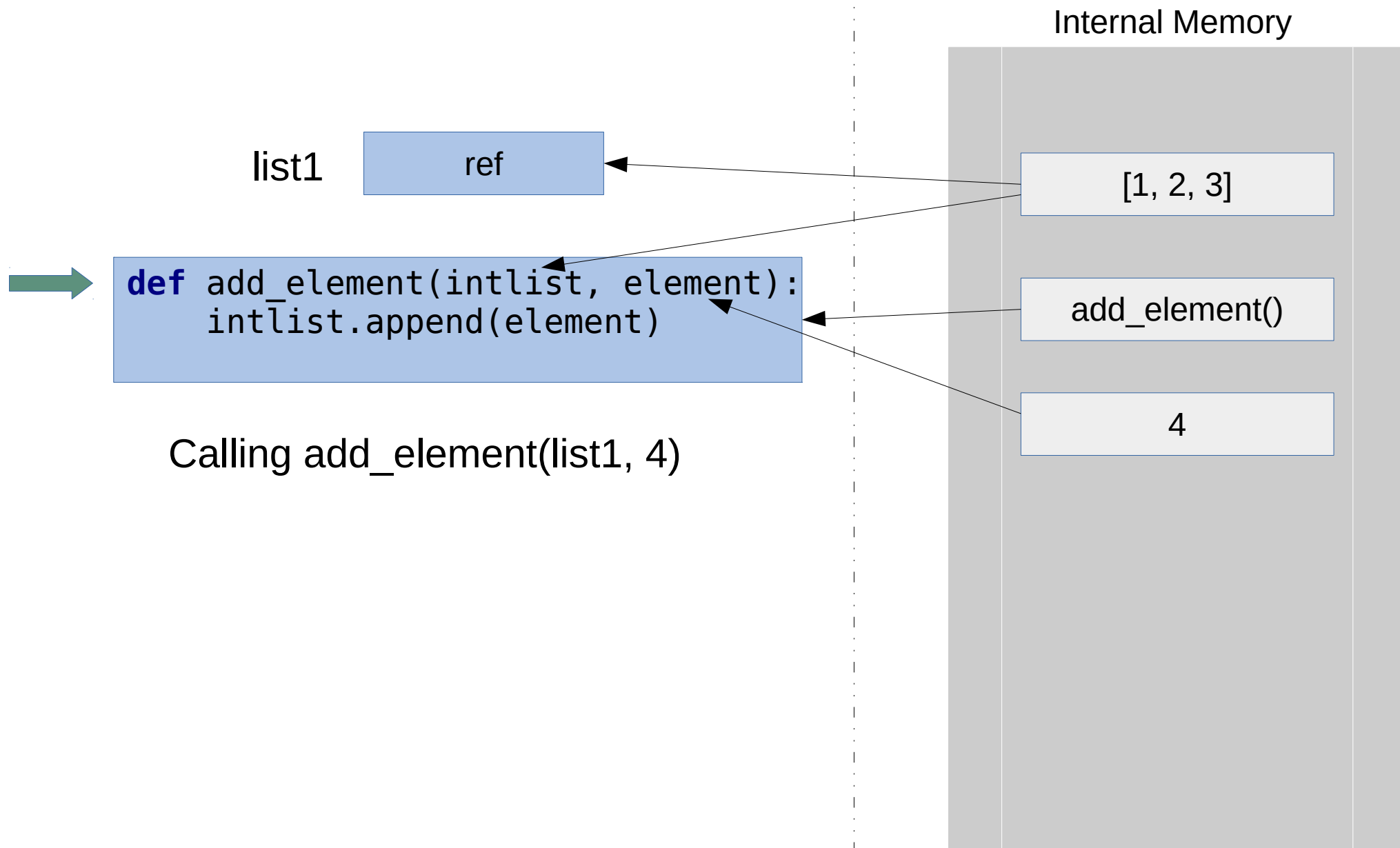
def add_element(intlist, element):
    intlist.append(element)

print('List before calling function :', list1)
add_element(list1, 4)
print('List after calling function :', list1)
```

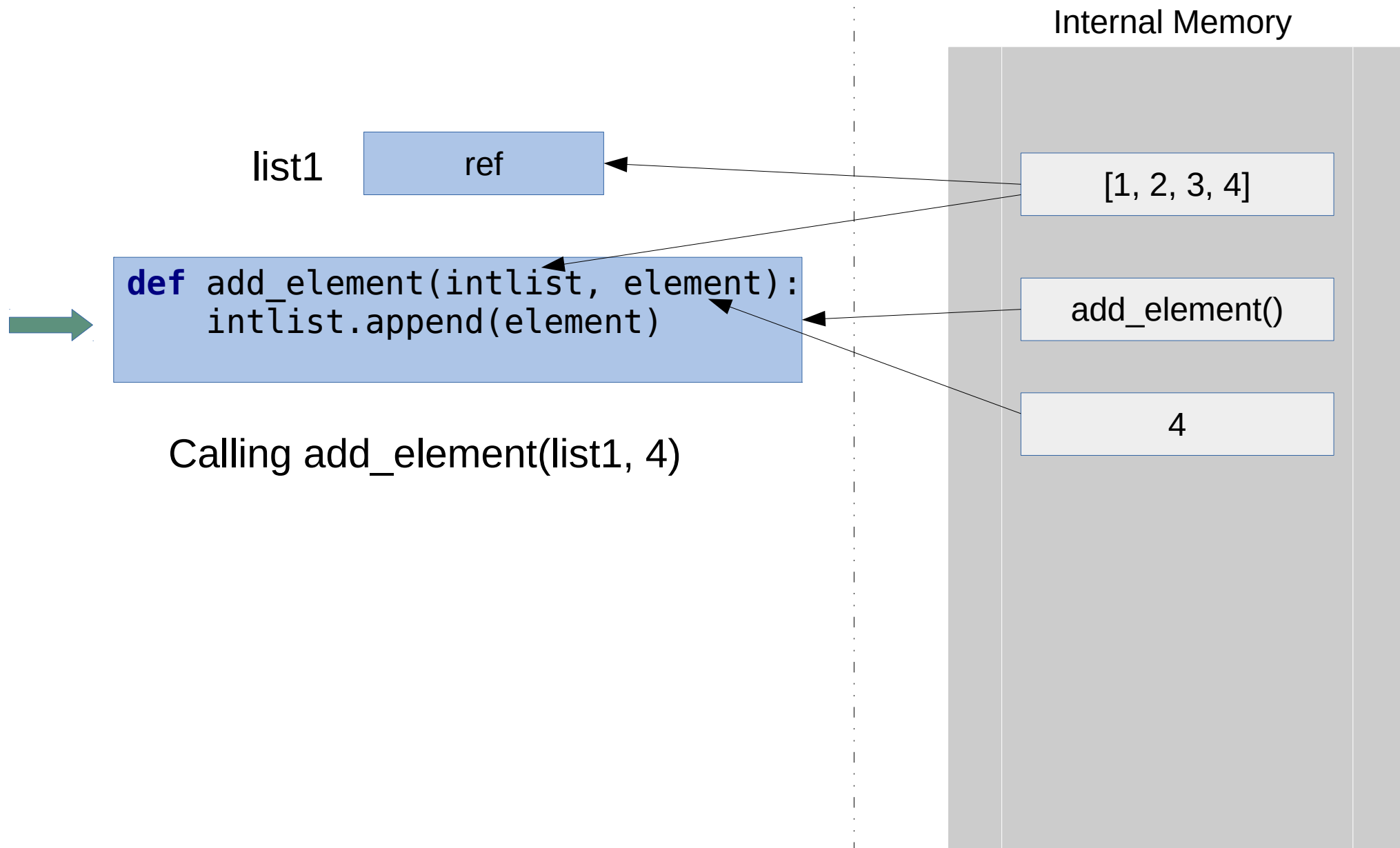
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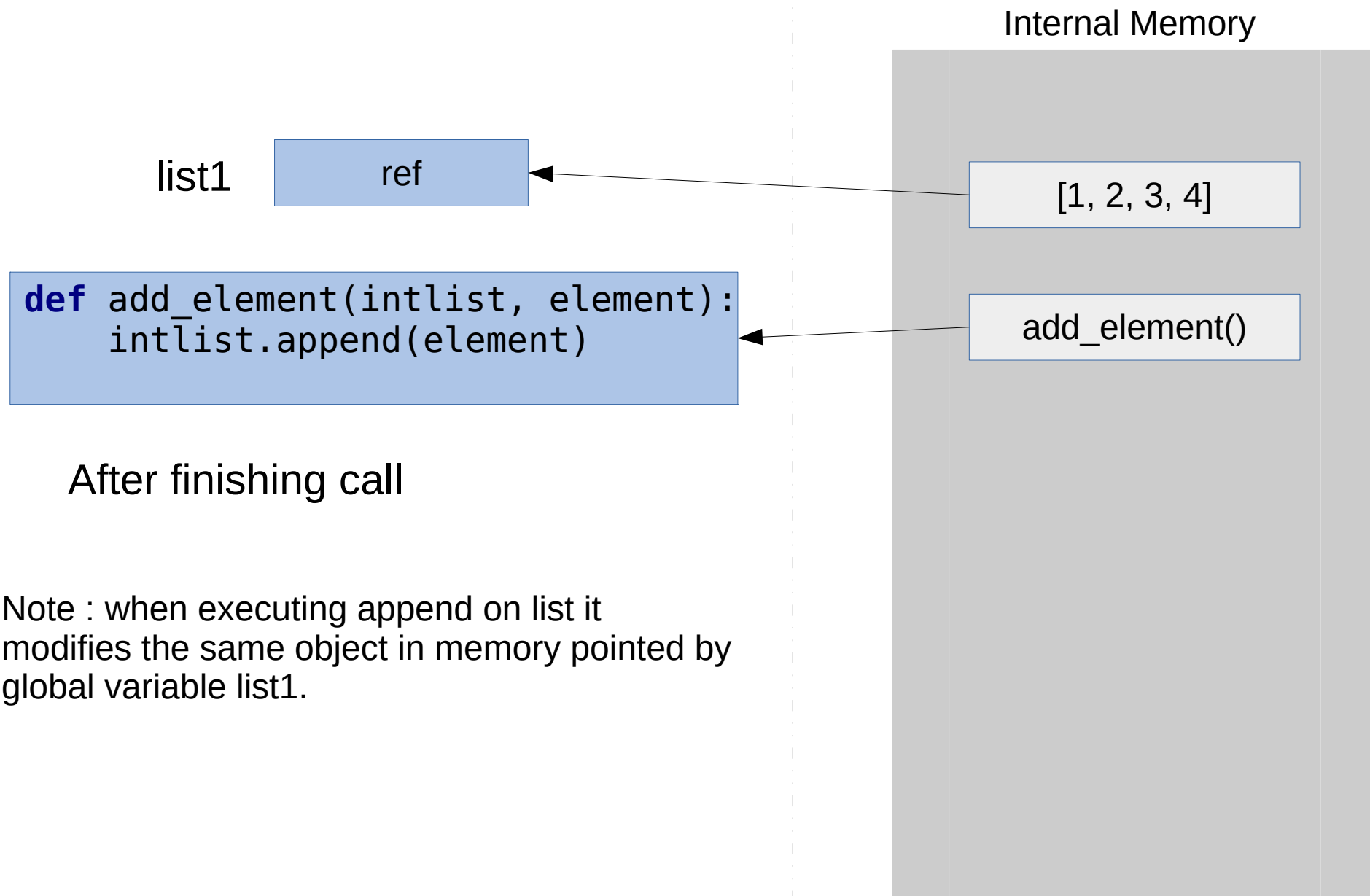
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End