Presentation 4

Defining Functions

Announcements

Reminders

- Have graded **AI quiz**
  - Take now if have not
  - If made 9/10, are okay
  - Else must retake
- **Survey 0** is *closing*
  - For participation score
  - Exam format important!
- Both are in CMS

Keeping Up With Videos

- **Today**
  - Video 4.6 of **Lesson 4**
  - **Lesson 5:** Function Defs
- Next Time
  - **Lesson 6:** Strings

Academic Integrity Quiz

- **Remember**: quiz about the course AI policy
  - Have posted grades for completed quizes
  - Right now, missing ~14 enrolled students
  - If did not receive 9/10 (~150 students), take it again
- If you are not aware of the quiz
  - Go to http://www.cs.cornell.edu/courses/cs1110/
  - Click **Academic Integrity** under **Assessments**
  - Read and take quiz in CMS

An Extended Example

Function Definition

```
1 def foo(a,b):
2     """Return something
3         Param x: a number
4         Param y: a number"""
5     x = a
6     y = b
7     return x*y+y
```

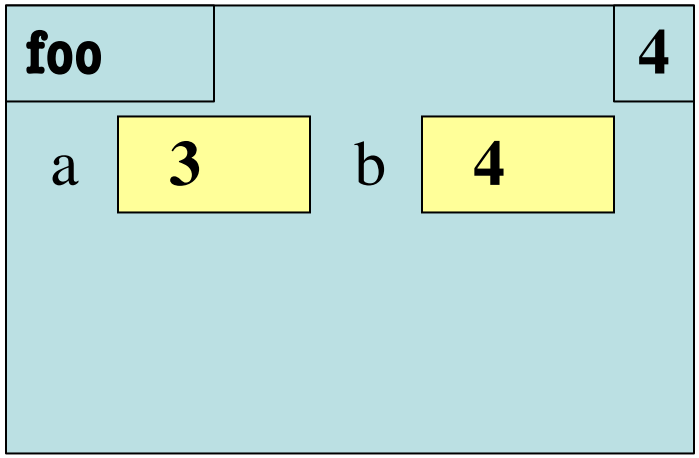
Function Call

```
>>> x = foo(3,4)
```

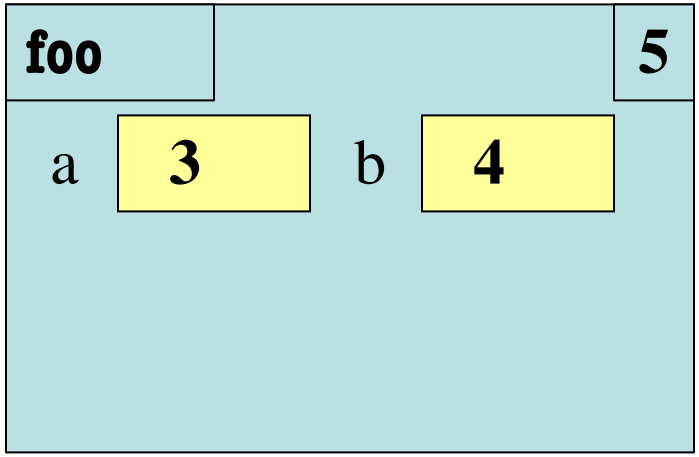
What does the frame look like at the **start**?

Which One is Closest to Your Answer?

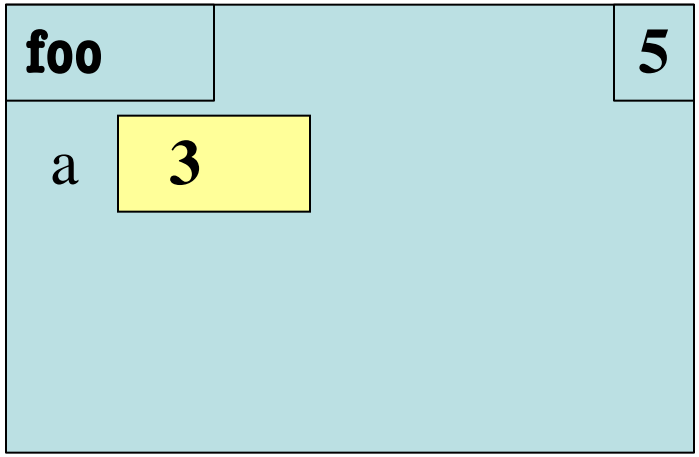
A:



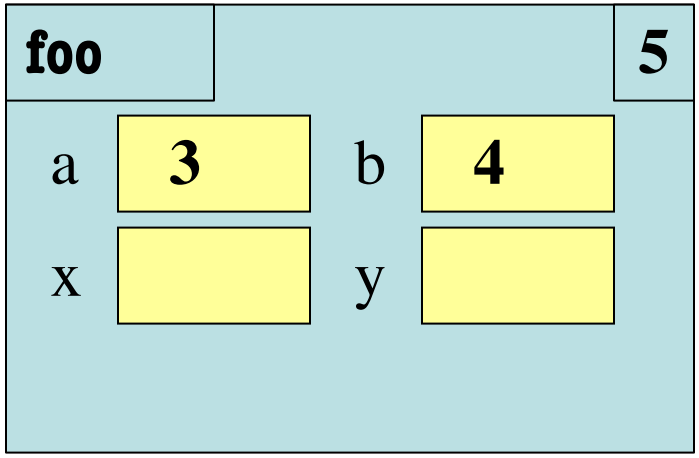
B:



C:



D:



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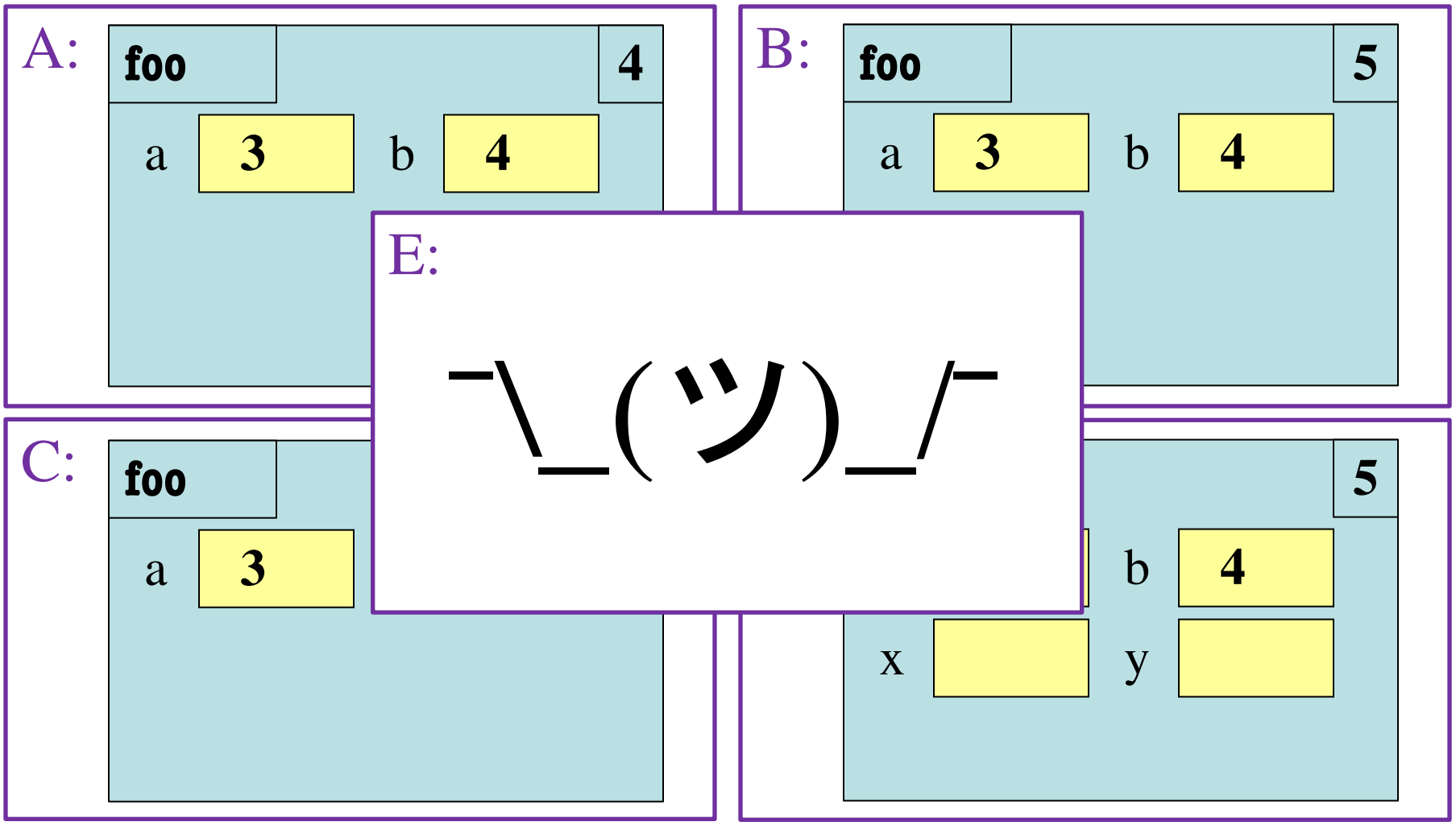

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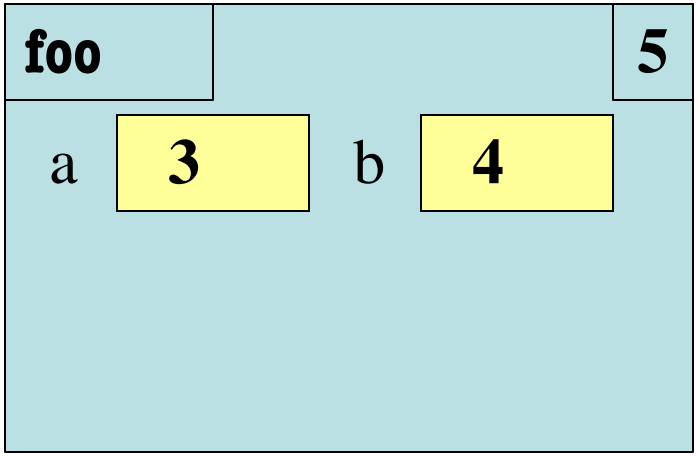

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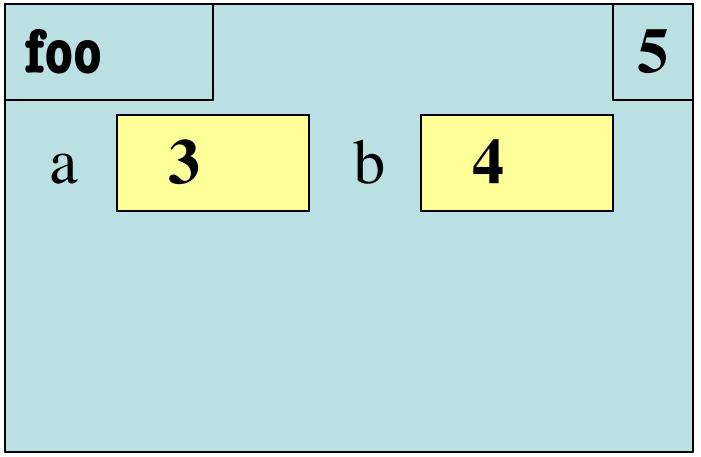

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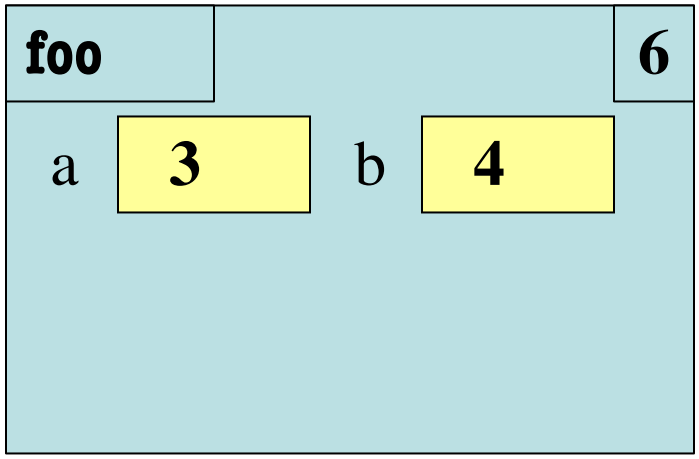

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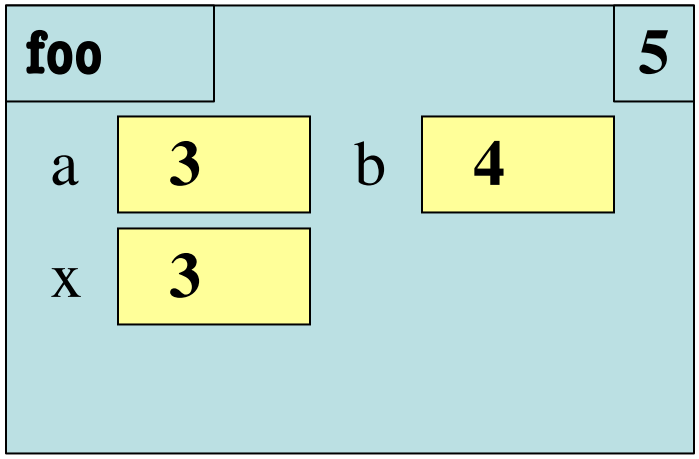

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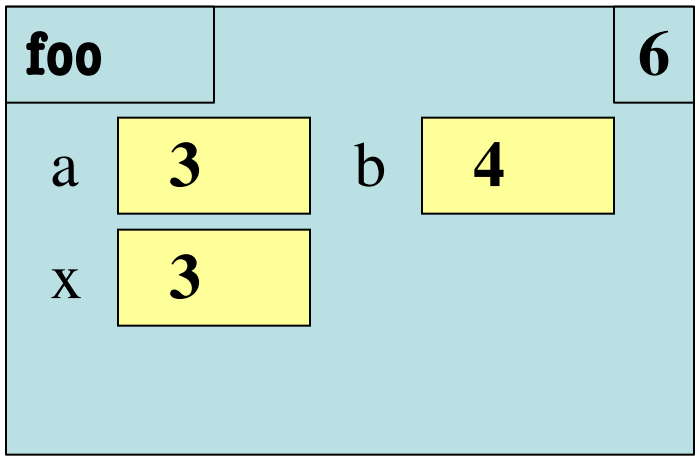

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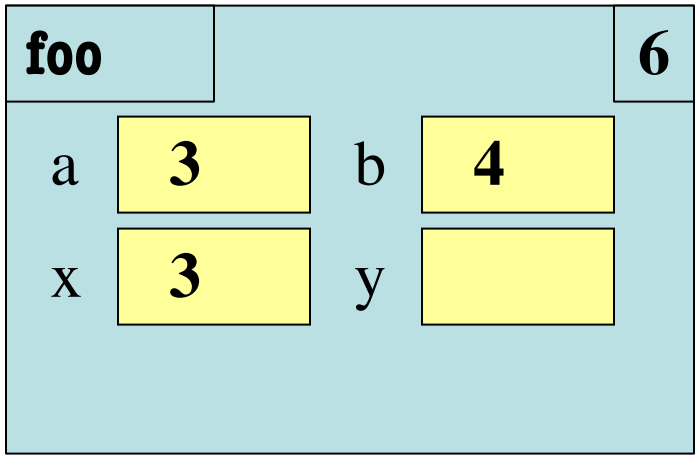

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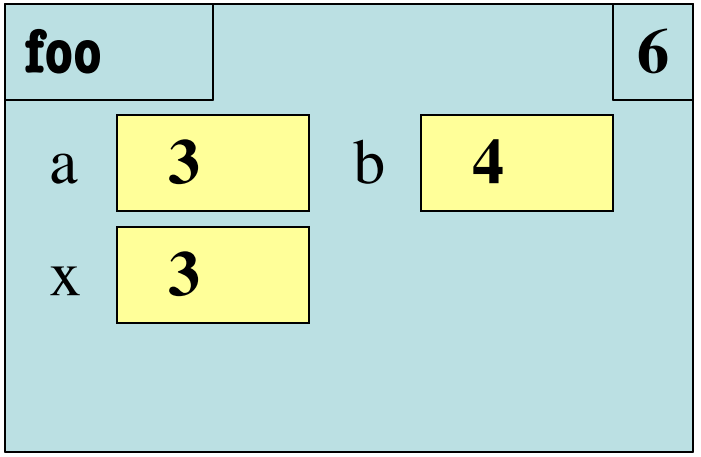

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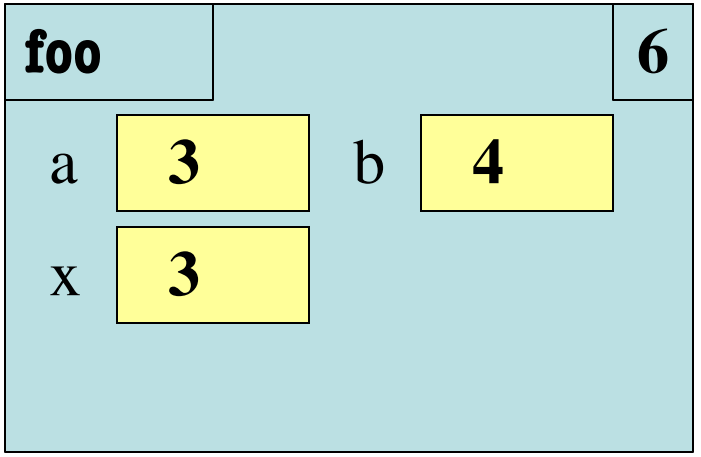

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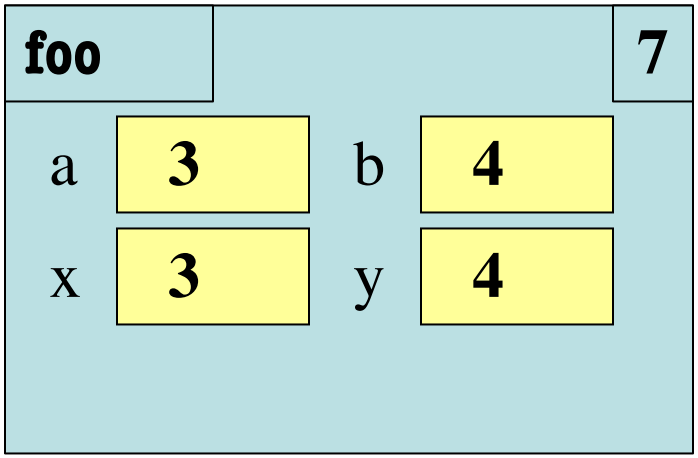

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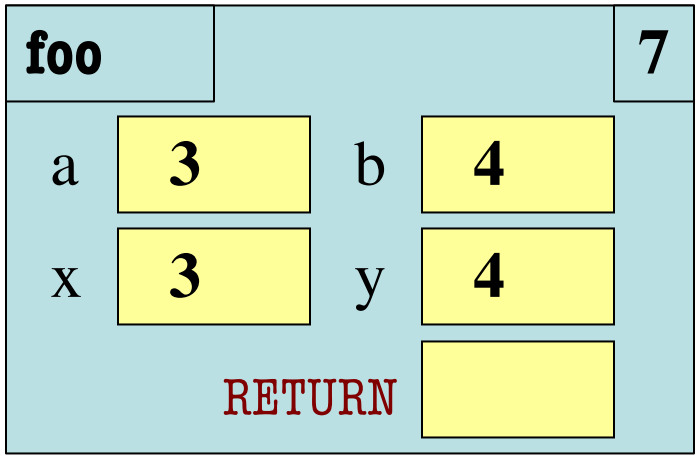

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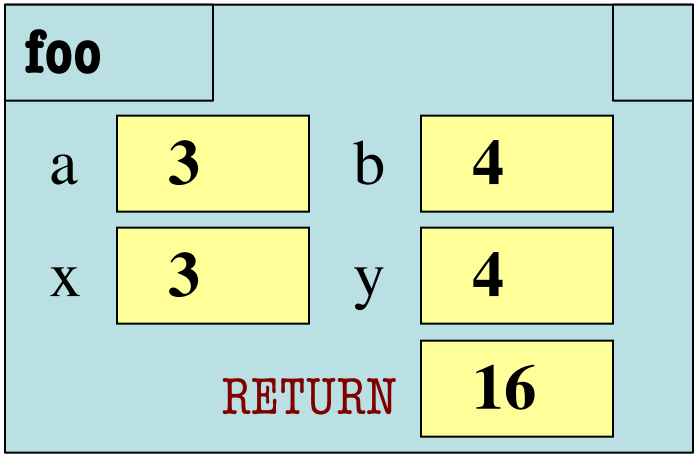

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ERASE THE FRAME

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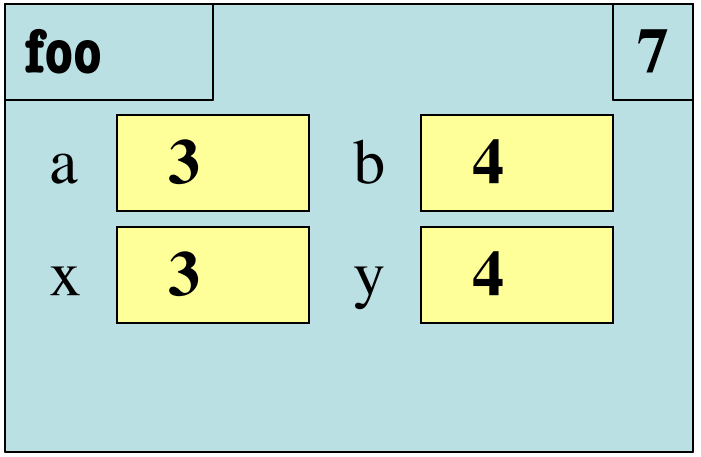

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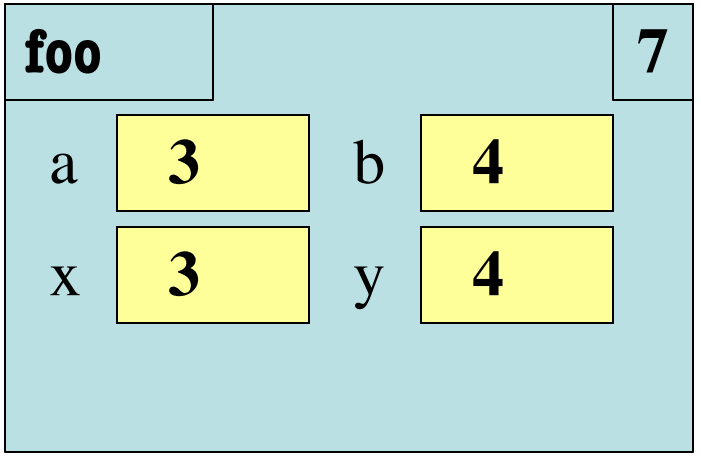

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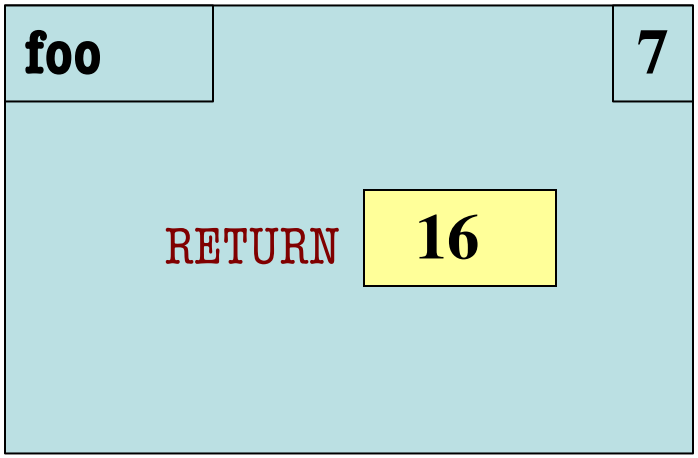

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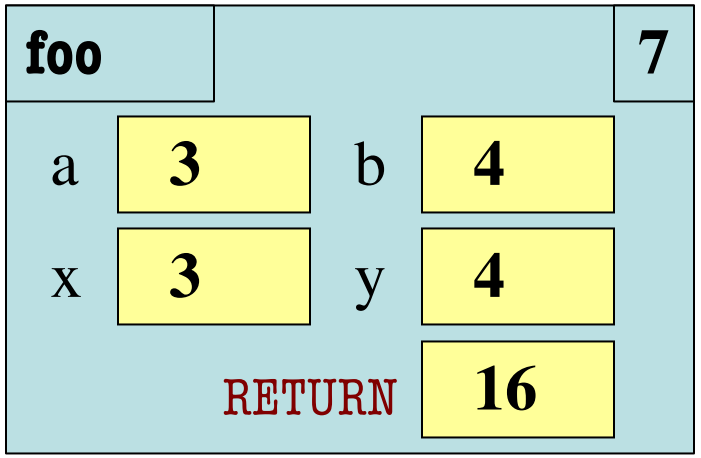

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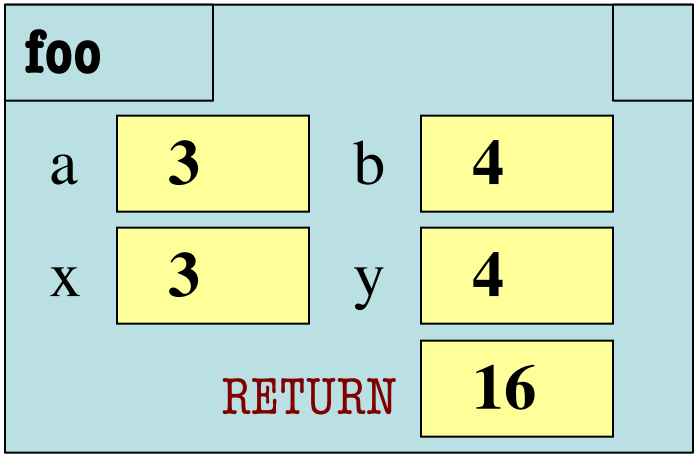

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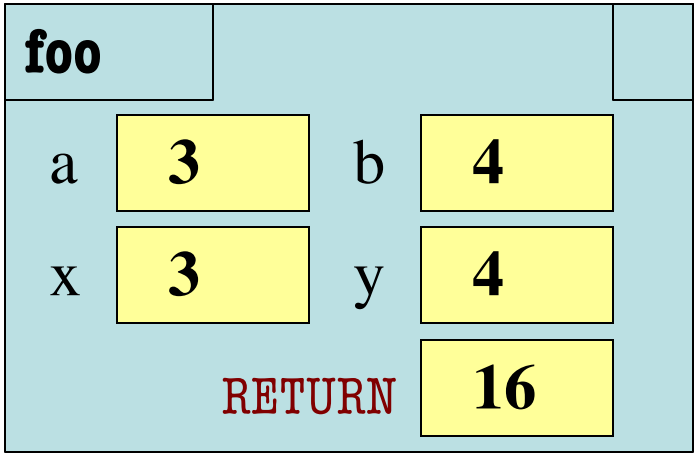

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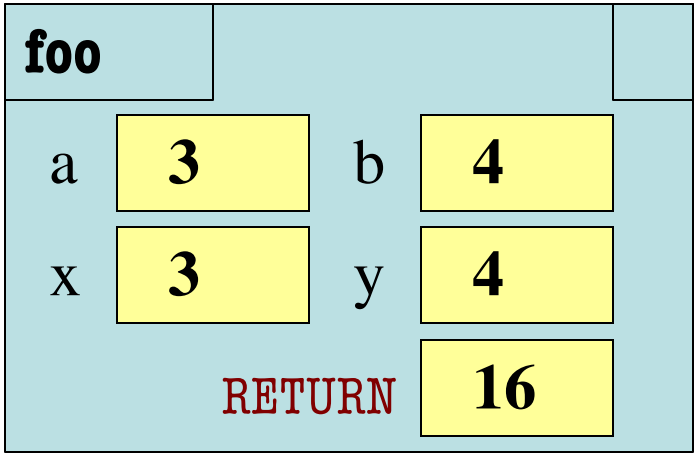

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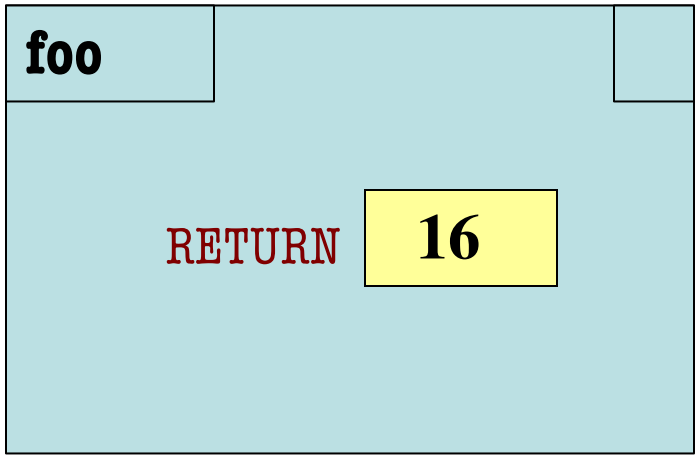
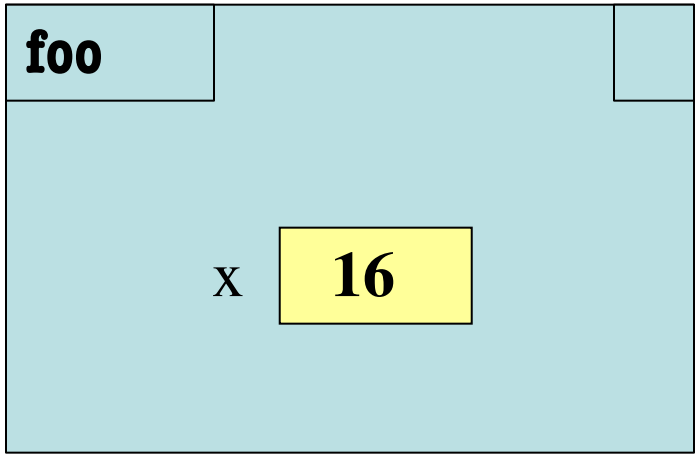


B:

ERASE THE FRAME

C:



D:

x 16

ERASE THE FRAME

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D:

x **16**

ERASE THE FRAME

An Extended Example

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D:

Variable in global space

x **16**

ERASE THE FRAME

Questions?