

**Exercise 1**

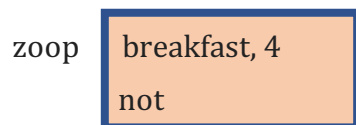
Logical operators can simplify nested conditional statements. For example, can you rewrite this code using a single `if` statement?

```
if (x > 0) {  
    if (x < 10) {  
        System.out.println("positive single digit number.");  
    }  
}
```

```
If (x > 0 && x < 10) {  
    System.out.println("positive single digit number.");  
}
```

**Exercise 2** For the following program:

1. Draw a stack diagram that shows the state of the program the *second* time `zoop` is invoked.



2. What is the complete output?

It's

not

breakfast

any more

**Exercise 3**

Draw a stack diagram that shows the state of the program in Section 5.8 after `main` invokes `nLines` with the parameter `n == 4`, just before the last invocation of `nLines` returns.

