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prework 3

Chapter 4

Exercise 1

1. The method name `zoop` states it will display what is stated in `baffle`, which is `"wug."` `Baffle` states that after printing `"wug,"` it will display what is stated in `ping`, which is `."` and end the line, which starts a new line. Then continuing with `zoop`, it will print `"You wugga "` including what is displayed in `baffle` again.

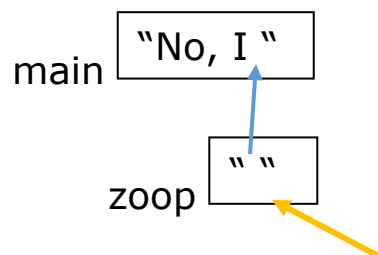
When the method `main` is invoked, it says to first print `"No, I "` with a space after `I`, followed by what is stated in the method `zoop` as explained above, then print `"I "` with a space after `I` and followed by what is stated in the method `baffle` as explained above, which will display the following:

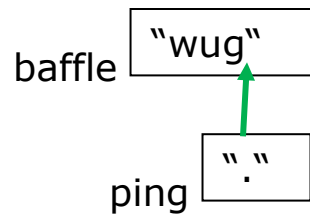
`"No, I wug."`

`"You wugga wug."`

`"I wug."`

2. Draw a stack diagram that shows the state of the program the first time `ping` is invoked.





```
3. public static void ping() {  
    System.out.println(".");  
    baffle();  
}
```

It will display as such, following the main method:

```
"No, I wug."  
"wug."  
"wug."  
"wug."
```

If `baffle()` is invoked at the end of `ping`, it will continuously repeat `wug` over and over as `baffle` states to display what is in `ping` and then `ping` states what is in `baffle` without stopping, unless otherwise stated. If it continuously repeat without stopping, an error can occur as it will not complete the method `main`.