

## 4.11 Exercise 1

The output was:

No, I wug.

You wugga wug.

I wug.

### Method Outputs:

Zoop outputs You wugga and a space

Baffle outputs No, I and a space

Baffle outputs wug

Ping outputs .

When this program runs the first line of code to run is the one under the public static void main line. No, I is output.

Then it goes to the method Zoop, under zoop the first thing it had to do was go to the method Baffle.

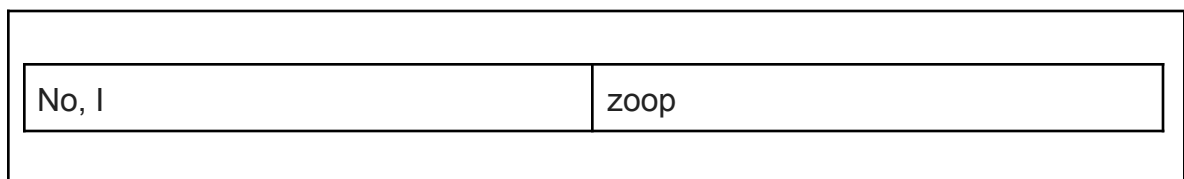
The baffle method output the word wug, then the compiler went to the method ping which output a period.

The compiler went back up to zoop and continued with the next line of code was to print out You wugga and then run the baffle method again. which outputs wug.

The compiler then goes back to the main code and processes the third line which outputs I. It goes to the next line of code which runs the baffle method for the third time outputting wug.

2. Stack Diagram right before Ping was invoked the first time.

Ping



3. If you invoke a baffle at the end of a ping. You will get stuck in a loop of "wug."