

Step Into Java: Make a Method

Mr. Neat
Java

Review

- Methods provide a “wrapping” around a functional block of code
- Encourages reusability
- Method names are on the “right side of the dot” (eg, input.readInt())

Inputs to the Method

- `sue.indexOf("the")` has one input – the String “the”
- `sue.substring(0,4)` has two inputs – the integers 0 and 4
- `sue.length()` has no inputs
- Inputs are indicated between the “smooth” parentheses

Inputs to the Method

- The number and “flavor” of the inputs in the method call must match the number and “flavor” in the method definition
- `sue.indexOf(4)` would not compile. The `indexOf` input parameter must be a `String`

Lab

- Write a method (in the same class) that takes in two Strings; one is a single word and the other is a sentence.
- The method should output to the screen “found it” if the single word occurs at least once in the sentence.