Refactorings – Assignment 2

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March 8th, 2019

Refactoring 1:

* Bad Smell: duplicate code causing shotgun surgery to make changes in the array inspection area.
* Applied extract method to array inspection section. Created arrayInspect() method.
* result is easily changed without making scattered changes. Increased readability. Reduced chance of human error while making modifications.

Refactoring 2:

* Bad Smell: everything is concentrated into one method, inspectWorker(). 3 distinct and natural sections contained within the method.
* Applied extract method to these 3 sections. Resulted in inspectFields(), inspectConstructors(), and inspectMethods().
* Result drastically increased readability. The ordering of inspectWorker() can now be understood at a glance. Which section is being modified (Methods, Constructors, Fields) is now obvious. With the method broken into sections, each piece can be individually tested.