

Assignment 6

You are given an implementation of a few simple methods for analyzing words (see the **WordAnalyzer** source code), which is not very well-tested.

1. Extend the existing *JUnit* test suite by applying testing strategies from the lecture to select "good" test cases.
2. Fix any bugs that you encounter in the methods under test.
3. Method **isPalindrome** has not yet been implemented properly.
 - (a) Write tests for this methods.
 - (b) *Then* implement it using a test-driven development (TDD) approach.
4. Draw a control flow graph for the method **firstRepeatedCharacter**.
5. Determine the statement coverage of your tests for method **firstRepeatedCharacter**.