Programming Assignment: WordNet

Passed · 96/100 points

It looks like this is your first programming assignment. Learn more

Deadline The assignment was due on Dec 28, 2:59 AM EST
You can still pass this assignment before the course ends.

Instructions My submission

Specification

Here is the programming assignment specification that describes the assignment requirements.

Be sure that your code conforms to the prescribed APIs: each program must be in the "default" package (i.e., no **package** statements) and include only the public methods and constructors specified (extra private methods are fine). Note that **algs4.jar** uses a "named" package, so you must use an **import** statement to access a class in **algs4.jar**.

Web Submission

Submit a zip file named **wordnet.zip** that contains the three source files **WordNet.java**, **SAP.java**, and **Outcast.java**, along with any other supporting files (excluding **algs4.jar**).

Assessment Report

Here is some information to help you interpret the assessment report. See the Assessment Guide for more details.

- *Compilation*: we compile your .java files using a Java 8 compiler. Any error or warning messages are displayed and usually signify a major defect in your code. If your program does not compile, no further tests are performed.
- API: we check that your code exactly matches the prescribed API (no extra methods and no missing methods). If it does not, no further tests are performed.
- *Bugs*: we run Spotbugs to check for common bug patterns in Java programs. A warning message strongly suggests a bug in your code but occasionally there are false positives. Here is a summary of bug descriptions, which you can use to help decode warning messages.
- *Style*: we run checkstyle to automatically checks the style of your Java programs. Here is a list of available Checkstyle checks, which you can use to help decode any warning messages.
- *Correctness*: we perform a battery of unit tests to check that your code meets the specifications.
- *Memory*: we determine the amount of memory according to the 64-bit memory cost model from lecture.
- *Timing*: we measure the running time and count the number of elementary operations.

How to submit

When you're ready to submit, you can upload files for each part of the assignment on the "My submission" tab.