Programming Assignment: Kd-Trees

Passed · 98/100 points

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| **Deadline** | Pass this assignment by January 1, 11:59 PM PST |

1. [**Instructions**](https://www.coursera.org/learn/introduction-to-algorithms/programming/wuF0a/kd-trees)
2. [My submission](https://www.coursera.org/learn/introduction-to-algorithms/programming/wuF0a/kd-trees/submission)
3. [Discussions](https://www.coursera.org/learn/introduction-to-algorithms/programming/wuF0a/kd-trees/discussions)

**Specification**

Here is the programming assignment [specification](http://coursera.cs.princeton.edu/algs4/assignments/kdtree.html) that describes the assignment requirements.

Be sure that your code conforms to the prescribed APIs, including being in the "default" package and including only the public methods and constructors specified. Note that, as of Fall 2015, **algs4.jar** uses a "named" package, so you must use an **import** statement to access a class in **algs4.jar**.

**Checklist**

The [checklist](http://coursera.cs.princeton.edu/algs4/checklists/kdtree.html) contains frequently asked questions and hints. If you're not sure where to start, see the section at the end of the checklist.

**Testing**

The file [kdtree-testing.zip](http://coursera.cs.princeton.edu/algs4/testing/kdtree-testing.zip) contains sample data files and programs that you can use to test **PointSET.java** and **KdTree.java**.

**Web Submission**

Submit a zip file named **kdtree.zip** that contains only the two source files, **PointSET.java**and **KdTree.java**.

**Assessment Report**

See the [Assessment Guide](https://www.coursera.org/learn/java-data-structures-algorithms-1/resources/R2mre) for details on how to interpret the assessment report.