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This is the project README file. Here, you should describe your project.

Tell the reader (someone who does not know anything about this project)

all he/she needs to know. The comments should usually include at least:

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PROJECT TITLE: Introduction to Inheritance

PURPOSE OF PROJECT: 1. To gain an understanding of BlueJ and UML design.

2. To better understand inheritance

VERSION or DATE: December 2014

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USER INSTRUCTIONS: We will complete the Book and Dictionary classes using the "extends" keyword. Note to yourself that a Dictionary **is-a** book.

Dictionary is a subclass of Book. Likewise with Dictionary2 and Book2.

1. Start by looking at the simple 'Book' class. There's not too much there.

2. Now look at the 'Dictionary' class. Add code to line 8 so that 'Dictionary' extends the 'Book' class.

3. Add code to lines 22 & 24 so that it will produce appropriate output.

Notice that Dictionary does NOT contain the datum 'pages'.

4. Go to the 'Words' class, it has the main() method.

Add a new Dictionary object on lilne 20 called 'webster' and run the main method.

SEDCOND STRING OF CLASSES

5. The 2's have more methods in them and more in the main method. Check out the methods in Book2

and then Dictionary2. Notice the differences.

6. Extend the Book2 class with the proper code on line 8 in the Dictionary2 class.

7. In the Words2 class with main(), uncomment lines 22, 24, and 25. Compile and execute.

8. In Dictionary2 line 34, add a call to the super toSstring(); Compile all and execute Words2.

9. In the Dictionary2 class on line 34, add a call to the super class to return its toString() method prior to the subclass's.

10. In Dictionary2, uncomment lines 27 and 28. This will make a new Book object and try to call method heresASubclassMethod(). What's wrong with this?