

# CS580 – PROGRAMMING ASSIGNMENT 1

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Instructor: Xinghui Zhao

Due: 01/23/2015

## 1 Java Warm Up - File I/O (20 pts)

In this assignment, you will implement a simple dictionary application using Java. This application should be a local, single-thread version.

You can download the dictionary file `words.txt` from the course website.

Your application should do the following:

- ask for user's input
- take a word from user
- search the dictionary file
- tell user whether or not the word is a correctly spelled (consider it correct if you can find it in the words file)

## 2 5 Bonus Points for Extra Challenge

You will receive 5 bonus points if you use the `dictionary.txt` instead of `words.txt`. Check the `dictionary_readme` file for more information about how to search for words. Both files are also available on the course website.

If you use this file, your application should return the meaning/definition of the word, instead of a boolean value.

Extra work on parsing and error checking is required for this application.

## 3 Submission

Submit your source code, and a text file which contains several test runs. This assignment is due at 11:59pm on 1/23/2015.