

Final Project

Due May 7, 11:59pm

100 points

CS 2235

Data Structures and Algorithms

Dr. Leslie Kerby

1. Create a program to count and store the word frequency in a document.
 - a. Ignore punctuation and case. Hyphenated words count separately.
 - b. Use a `java.util.HashMap` to store the frequency (values) for each word (keys).
2. Use your program to print out the word frequency in the excerpt by Malala Yousafzai, attached in the file `Malala2013.txt`.
 - a. Do not hard-code the excerpt into your program.
 - b. Print the contents of your `HashMap` in the format
`<word1>: <count1>`
`<word2>: <count2>`
etc...

This may be written without creating additional classes if you so choose.

Demonstrate that your program works. Submit your source code and output screenshots.