

DUE: Sunday, October 6th before 11:59pm

Project 2: Write a program that reads the input and counts both the total number of words and the number of words with more than a certain number of letters. For the purpose of this program, a word is defined to be any combination of one or more letters (upper or lower case).

- Comment your code. There should be a comment at the top with your name and a description of the program as well as comments throughout the code as needed.
- Define a symbolic constant “LONG” and have your program consider long words to be words with more than LONG letters.
- *Spend time debugging your code.* When you think everything is working properly, download the file “proj2_sampleInput.txt” from the website. You can use it as another test of your program. The output of your code should match the following exactly (only replacing <your name>).

Proj2 output: input was proj2_sampleInput.txt and LONG was 4

```
*****
**      <your name>'s word counter with LONG = 4:  **
*****
** Number of words = 273 **
** Number of words with more than 4 letters = 154 **
*****
```

Proj2 output: input was proj2_sampleInput.txt and LONG was 7

```
*****
**      <your name>'s word counter with LONG = 7:  **
*****
** Number of words = 273 **
** Number of words with more than 7 letters = 49 **
*****
```

- Your code must compile – check it carefully. When finished, name your final version of the source file “<your last name>.c”. Send me your .c file as an attachment to an email with subject “CPS 125 - Project 2”.