

Assignment 11

Due 2 December 7:59am

1 Problem 1

Line-By-Line Vowel Count This assignment will use the file “cats.txt” that was posted on BlackBoard and used in Assignment 9.

This week’s problem is:

- Read each line into a C string
- Count the number of vowels in each line and `cout` that number for each line

You may assume that no line is greater than 80 characters long.

2 Bonus: 10pts

Letter Count Follow the same basic process of this week’s assignment, however, this time keep track of the number of each letter, both vowels and consonants. Store this information and do not output anything other than a short report which contains:

- The most common letter (both the letter and its total count).
- The least common letter (both the letter and its total count).