

## Chapter 9: Program 6 - Repeated Letters

CSCI111: Introduction to Computing

Assigned: Friday, April 17, 2020

Due: Friday, April 24, 2020 at midnight on Blackboard

- a. Write a function named *find\_doubleletter(word)* which returns True if the word has a letter that is 'doubled' in the word. For example, if the word is *command* then the function would return True because 'm' is doubled. But if the word is *repeated* then the function would return False because while 'e' is in the word multiple times, it is not repeated in adjacent positions. That is the letter must be beside itself.
- b. Write a function that searches *words.txt* and counts the number of words that have double letters of any kind. You should use the function from part a in your code for part b.

Requirements for this program are as follows:

1. Your program must include a comment header with Author, Assignment (Program 6), Description, and Due Date
2. Your function for part a must be named correctly
3. Your function for part a must correctly find double letters
4. Your function in part b must use your function from part a
5. You should print the final count of words in a clear and understandable way.
6. Your program that you submit must be a script in a file named `program6_WillM.py` where you replace WillM with your first name and last initial.
7. Submit just that program on Blackboard under **Chapter 9, Program 6**.