

Data Structures and Algorithms - Assignment 5

1. Implement singly circular linked list using tail pointer (no head pointer). Compare time complexities of all operations.
2. Calculate the mode of an array. The mode is the element occurred maximum time in the array.

Optional

3. Count occurrences of each word in a line/file.
4. <https://leetcode.com/problems/remove-element>
5. <https://leetcode.com/problems/two-sum> (solve using hashMap)
6. <https://leetcode.com/problems/contains-duplicate>
7. <https://leetcode.com/problems/longest-palindrome>
8. <https://leetcode.com/problems/maximum-average-subarray-i>
9. <https://leetcode.com/problems/maximum-length-substring-with-two-occurrences>