CS 2420

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* Assn 1 Ideas:
  + IMPORTANT: design before you code!
  + For each word read in, a separate dictionary of all words that are the right length
  + A dictionary vector of structs
    - Inside the struct:
      * The word
      * Length of word
      * Mark if used
  + See lecture slides for ideas and notes on efficient and smart coding
  + Consider using LL as a queue
    - Each node holds a ladder of words
  + Check ladder upon adding to queue to see if it’s the right one
    - The first correct one will be the best one
    - Because if we get to the three step ladders, that means that there were no two step ladders that were successful
    - The ladders are considered shortest first
* Assn1 Steps:
  + Get 2 words
  + Generate all possible ladders
* Lecture: **Complexity** (chapter 2)
  + Log review
    - Log235
      * Ask yourself, how many levels must 2 be raised to in order to get 35?
  + Components of time complexity:
    - Amt of time spent in each operation – difficult to measure
    - Estimate of number of times a key operation is performed