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CEN3024

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Software solution for SDLC Assigment

* Research methods to read websites using java
* Find one method that suits the project
* Begin testing the ability to read website
  1. Find problems reading text due to special characters
  2. Solve the problem using one method (clear all special characters at once)
  3. Previous method doesn’t work, switch to different plan
  4. Read and format each word individually
* Develop a plan to solve the main issue: tracking each word
* Go over different methods of storing words to track their frequency
* Test each word is being read correctly
* Begin to add each word line per line
* Research methods to store words
  1. Attempt a solution using linked lists
  2. Research using trie nodes
  3. Simplify problem if possible with different method: hashmap, sortedmap
* Verify output is correct: there are words being printed with their frequency
* Double check solution by counting words pasting the text the program is reading into Microsoft Word
* Debug program if solution mismatches