Full Project 1

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1. One problem I encountered was figuring out how read a line that is completely made up of spaces. In Anne of Avonlae example txt file there is a line that comprises of only 100 spaces. This for some reason was the only line out of all of the example inputs that wasn’t decoding correctly. I added a conditional to my code to check if a line is only spaces that fixes that bug locally on my Unix terminal but not when running on ASU server. Before adding the conditional and fixing the issue, the line was getting printed as a binary output.
2. I could not figure out the Anne of Avonlea input. This causes the medium and large file input with that book to error. I assume this is due to line endings but since every other file I used worked I was dumbfounded. Especially since it works perfect on my VM and the only output I can get with the ASU servers is that the binary files differ.
3. No incomplete implementation
4. No significant interactions
5. Citations:

Parsing command line arguments: <http://www.cplusplus.com/articles/DEN36Up4/>

What I used as ‘massive’ txt file for research:

https://www.learningcontainer.com/sample-text-file/

https://edutechlearners.com/download/Introduction\_to\_algorithms-3rd%20Edition.pdf

Version Control:

