Final Project - 323 Compilers
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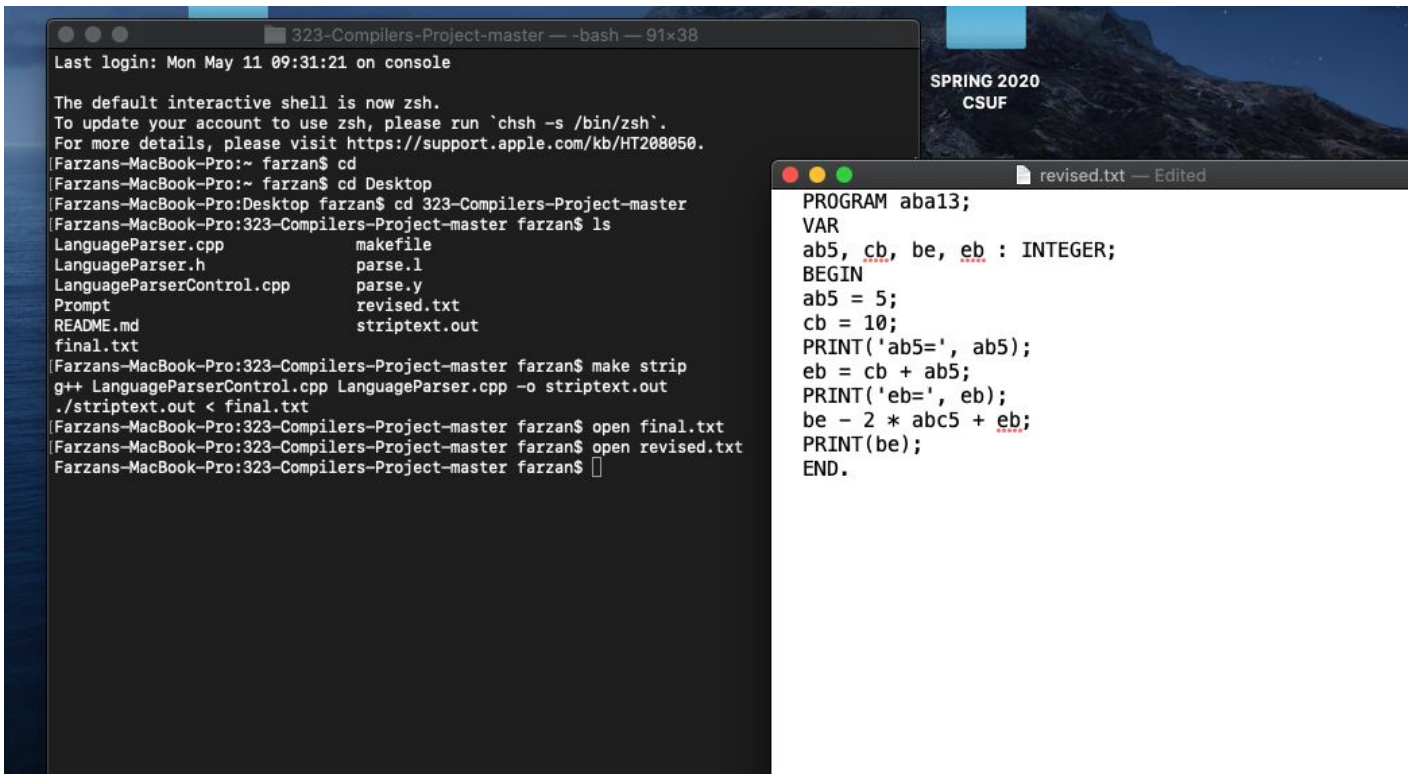
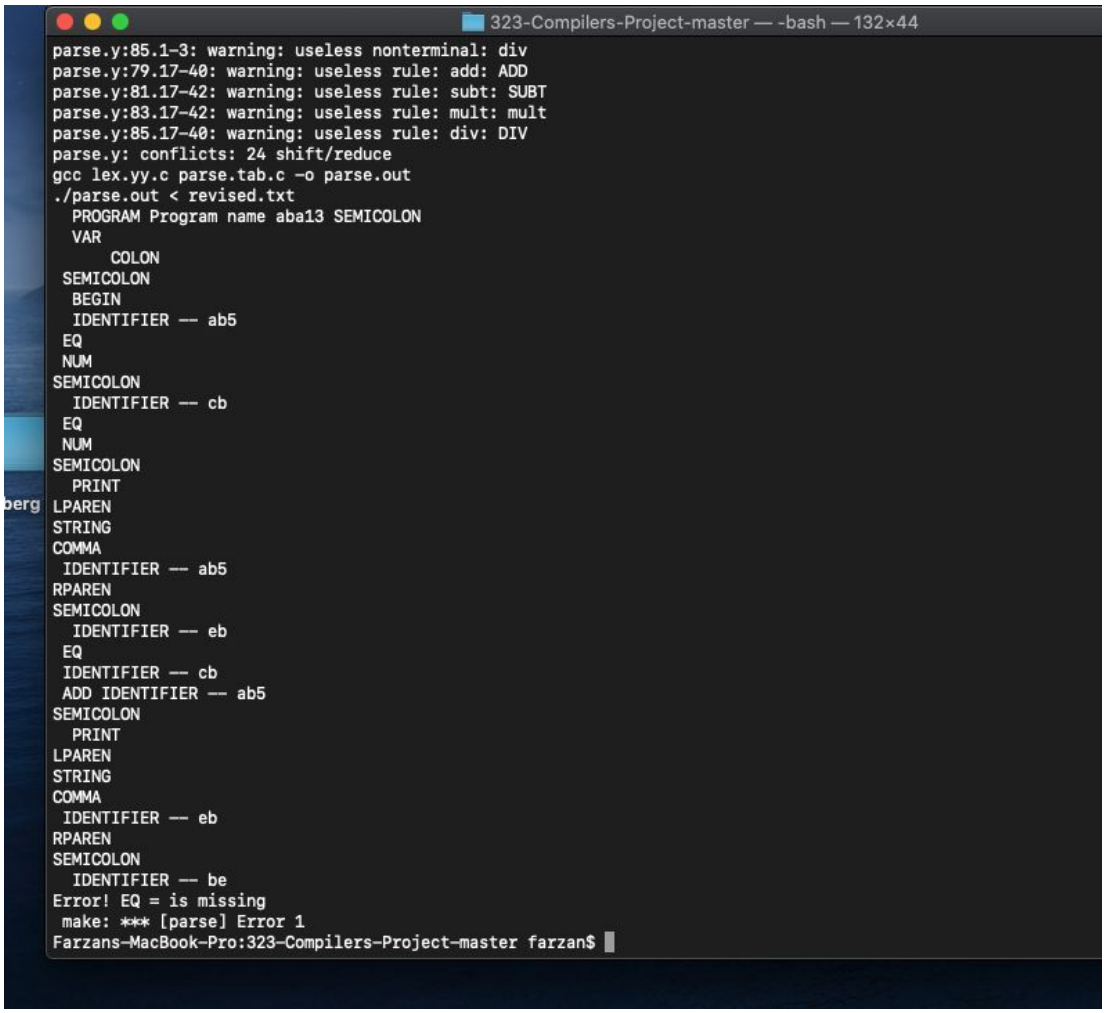
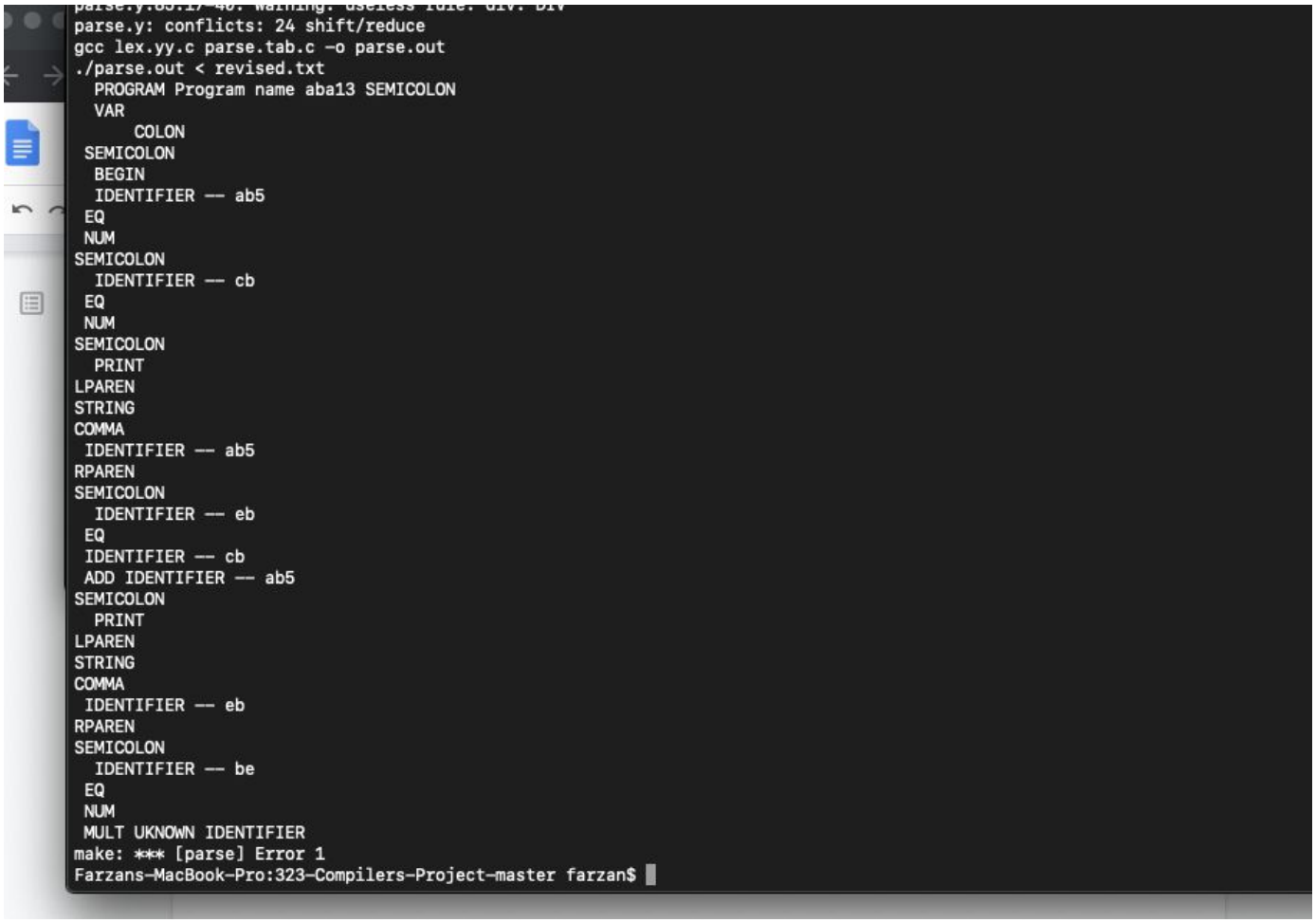
The original text file, ‘final.txt’ is entered into the parser. The command make strip will take the file and delete all of the whitespaces and comments. The resulting text file, “revised.txt”, is shown below.



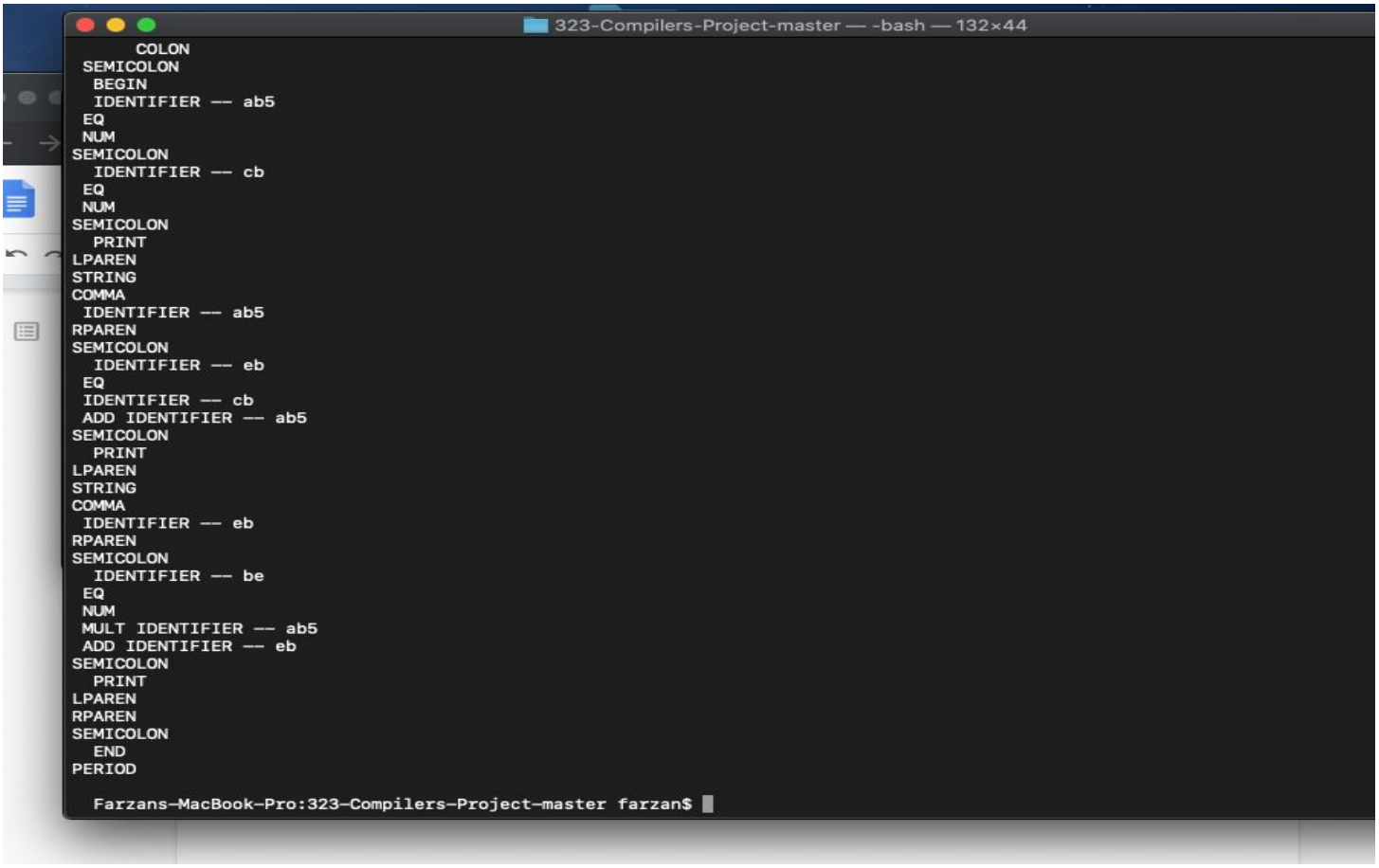
We then run the command ‘make parse’ to run the ‘revised.txt’ through flex/bison. It is shown below that ‘revised.txt originally had syntax errors. Below, it is determined that the first error encountered is at the 10th line that starts with “be - 2”. Below is the output



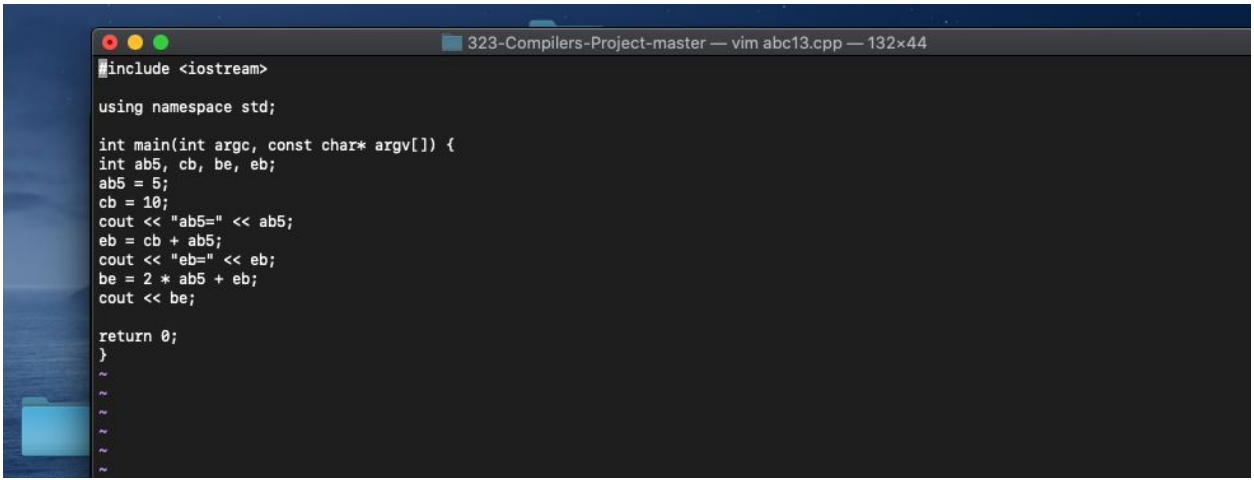
This error occurred because in that line, rather than “b - 2” it expected “b = 2”. After changing it, the next error encountered is shown below.



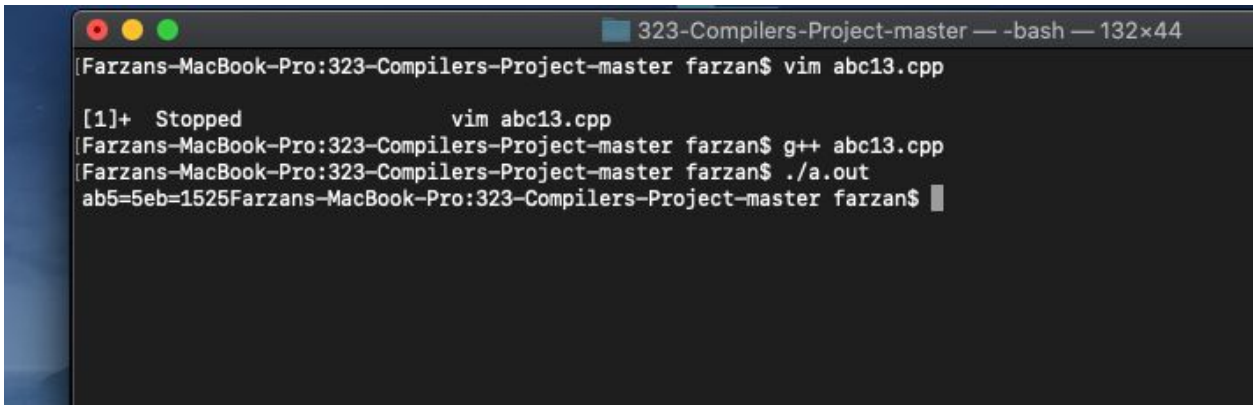
Because the **identifier "**abc5" in the same line was not declared earlier, it is unknown. Instead, it should be "ab5". After changing it, the results are shown below, resulting in no errors, therefore the parse is complete with the last token accepted being a **PERIOD.**



The following cpp program, "abc13.cpp" is produced.



After compiling and running the code through command line, the following output is produced



Incase it is hard to see it is :

ab5=5eb=1525