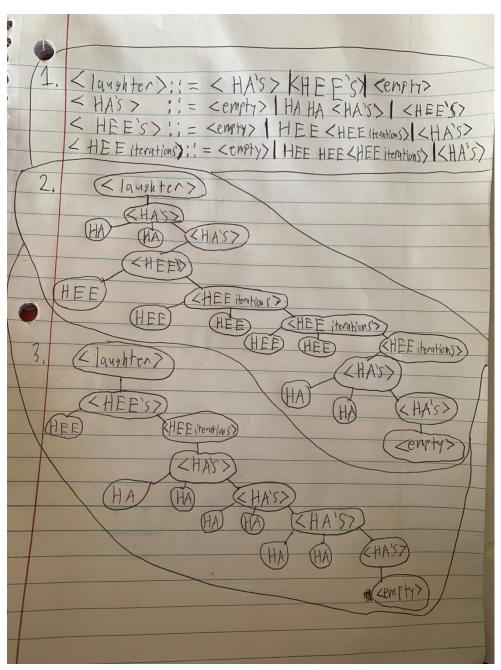
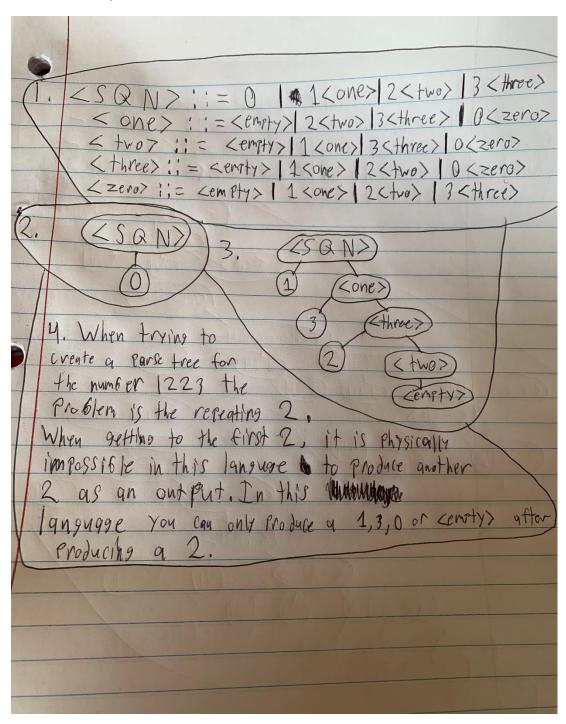
BNF Assignment (Problem Set #1):

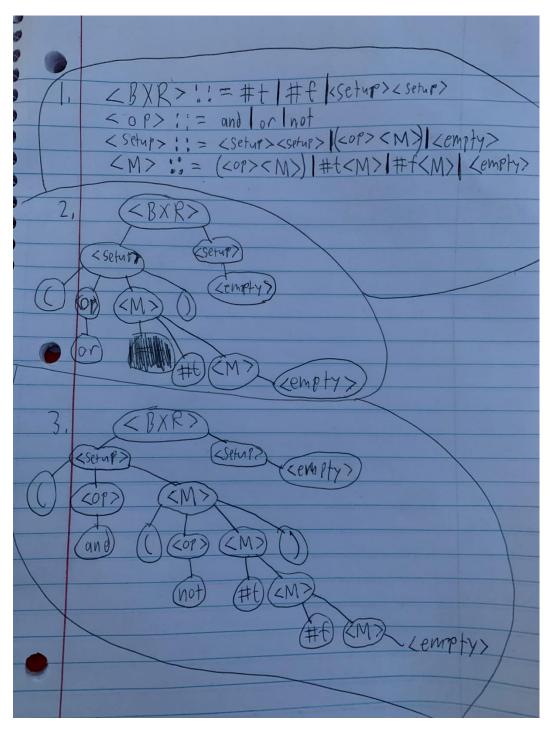
Abstract: In this assignment we were asked to create BNF grammars based on the given language, draw BNF trees and define/explain BNF to a freshman computer science major.

Problem 1 – Laughter

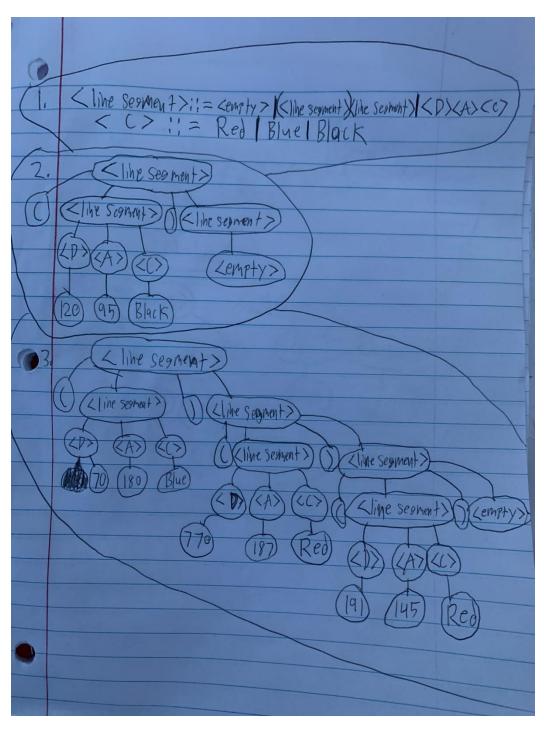




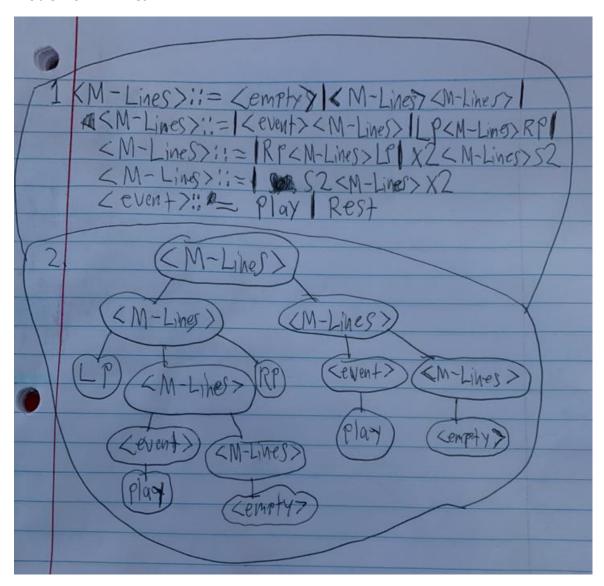
Problem 3 – BXR



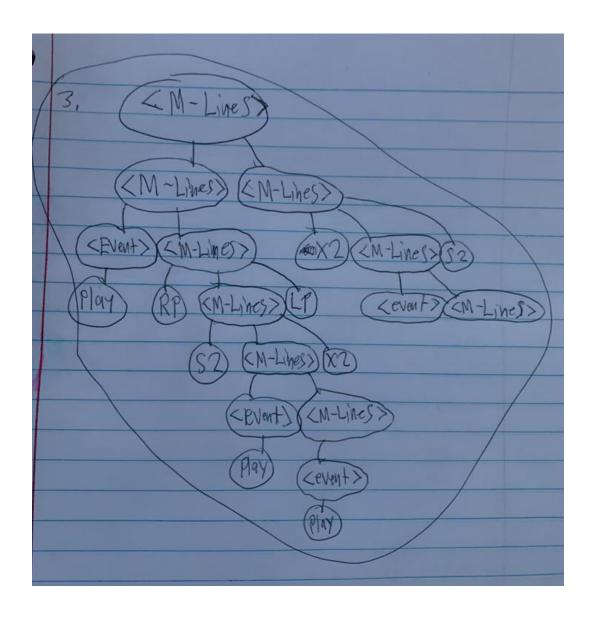
Problem 4 – LSS



Problem 5 - M-Lines



Continued...



Problem 6 – What is BNF?

B.N.F. stands for Backus Naur Form and is used in order to express the syntax of a programming language. Learning Backus Naur Form can offer deep insight for a computer science by laying out the tools and rules that you must adhere to in order for progress and solidify understanding between the computer scientist and the tool they are using. BNF makes use of tokens, nonterminal, productions and of course the start symbol.