CMPT 432 - Spring 2022 - Compilers

Sean Kohler
Sean.Kohler1@marist.edu

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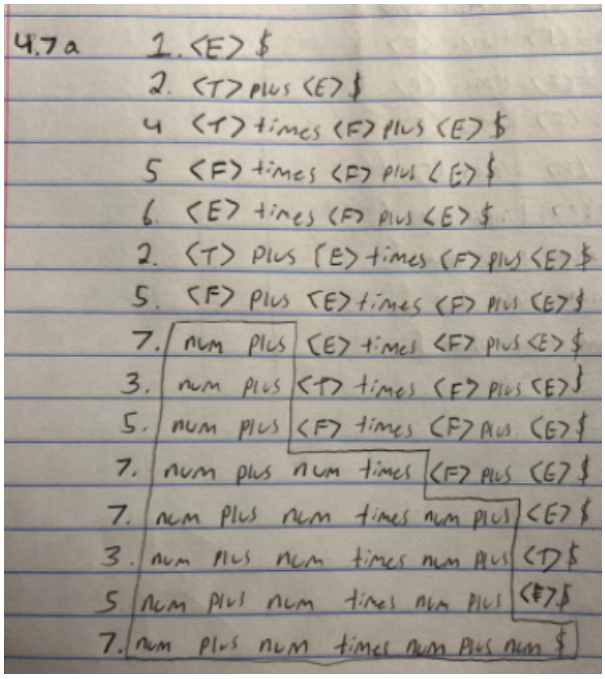
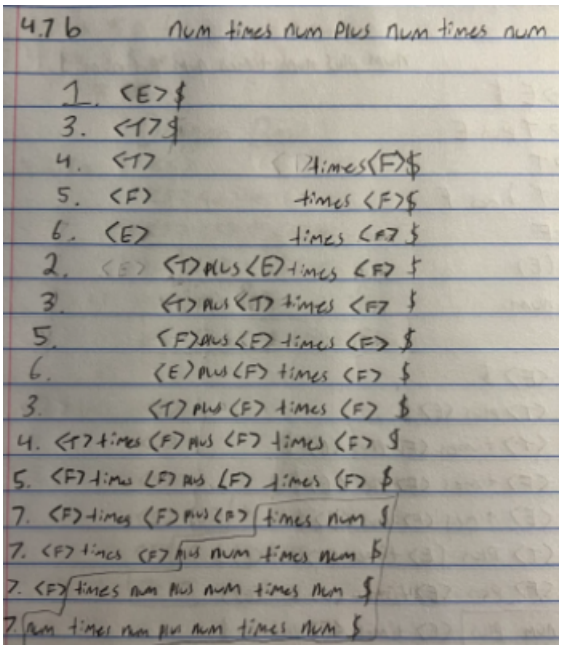
Objective: This Lab we have a few tasks to accomplish. We must reach chapters 4.1-4.4, 5.1-5.3, and 7.1 in the Crafting a Compiler book as well as reading chapters 2.7, 2.8.2, 4.2, 4.4.1, and 5.3.1 in the Dragon book. We then must complete exercises 4.7 and 5.2c from the Crafting a Compilers book. We must also complete exercise 4.2.1 a, b, and c from the Dragon book.

1 Crafting a Compiler

This section contains the assignments from the Crafting a Compiler book

1.1 4.7

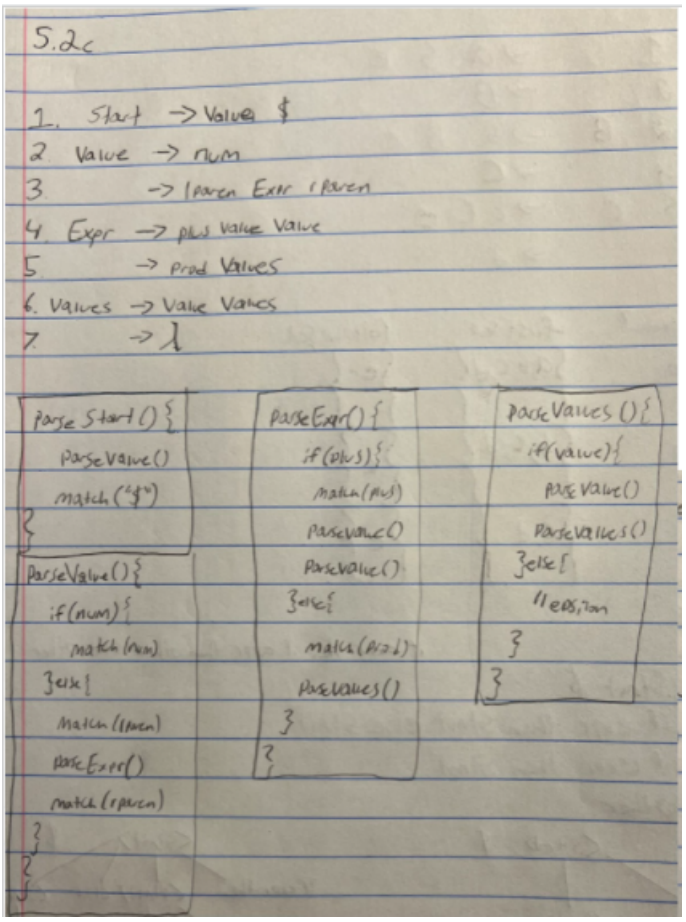




4.7c

In this grammar, the productions terminate when reaching "num". This grammar also nests expressions that are separated by "plus" or "times".

1.2 5.2c



2 Dragon

This section contains the assignments from the Dragon book

2.1 4.2.1