

**Concepts of Programming Languages, CSCI 305, Fall 2021**

**Writing an LL(1) Grammar, Oct. 20**

Section 2.3.2 Writing an LL(1) Grammar, pages 79-82

Consider the grammar for a restricted kind of real decimal number. Fix the rules so that an LL(1) parser can be used:

$S \rightarrow - N$

$S \rightarrow N$

$N \rightarrow L$

$N \rightarrow L.L$

$L \rightarrow D$

$L \rightarrow D L$

$D \rightarrow 0$

$D \rightarrow 1$

...

$D \rightarrow 9$