

CSE 311: Foundations of Computing I

QuickCheck: CFGs & FSMs (due Thursday, May 19)

Name:

0. All The Things!

Let L be the language where $\Sigma = \{0, 1\}$ such that $w \in L$ iff "01" is a substring of w .

(a) Construct a regular expression that matches L .

(b) Construct a CFG that generates L .

(c) Construct a DFA that accepts L .

1. One Question!

Please come up with one question related to the course that hasn't been answered yet. It could be about policy, content, instructors, TAs, etc.