

CSE 311: Foundations of Computing I

QuickCheck: Languages (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 .