

This is a mult-section quiz. You may not communicate to anyone about it until I notify you that you can.

SI340 Quiz 4 Name _____ Alpha _____

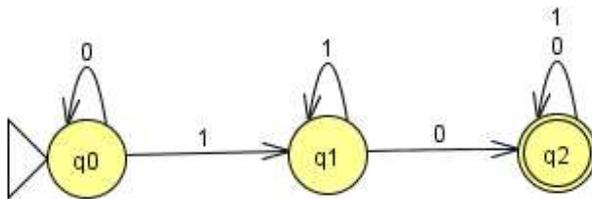
Let L be a regular language over $\Sigma = \{0,1\}$ where $L =$ set of all strings that contain the substring 10.

1. Give a regular expression for the language L .

$(0 + 1)^* 10 (0 + 1)^*$ or $(0|1)^* 10 (0|1)^*$

2. Draw a finite automaton that accepts L . It can be a DFA, NFA, or NFA- λ .

DFA



NFA

