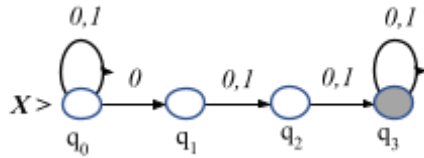# CS 302-HOMEWORK 1
(due February 25,2025 before recitation)

Question 1:

Consider the NFA **X** given above and let **L** be the language accepted by **X**. Compute a finite state automaton **Y**, DFA or NFA that accepts the language **L**^{c} (complement of **L**).

Questions from the main text:

2.2.5, 2.2.6 (b)

2.3.3, 2.3.4 (b) and (c)

2.5.2