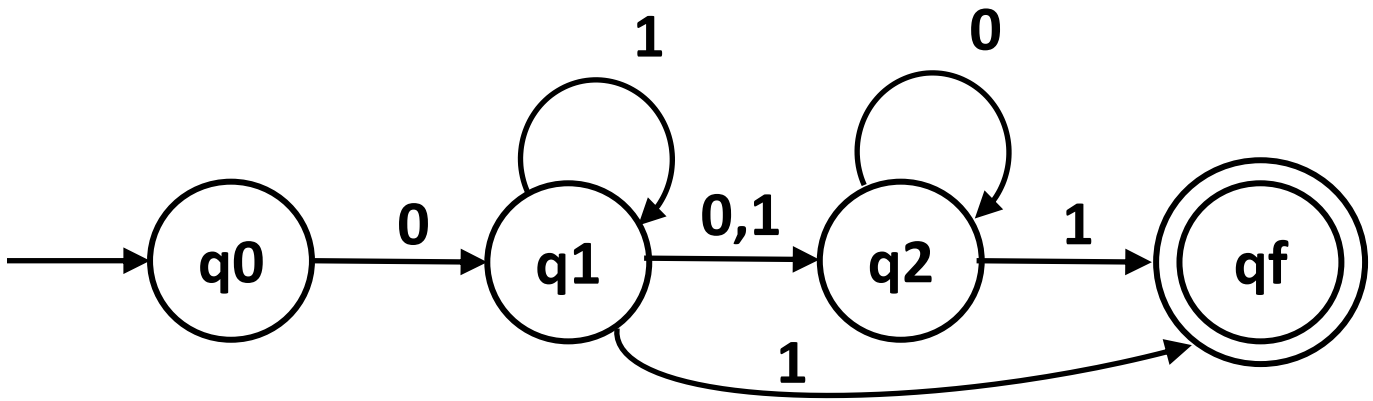
Theory of Computation

Exercise 3: (Nondeterministic Finite Automata - NFA)

1. Construct the minimal-state NFA that accepts the language $\{ab, abc\}^*$

2. Convert the following NFA to DFA

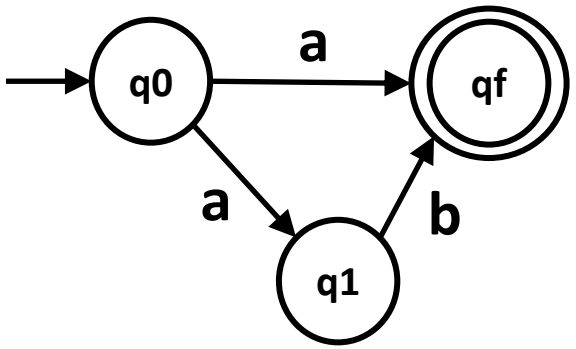
NFA



(Homework 2)

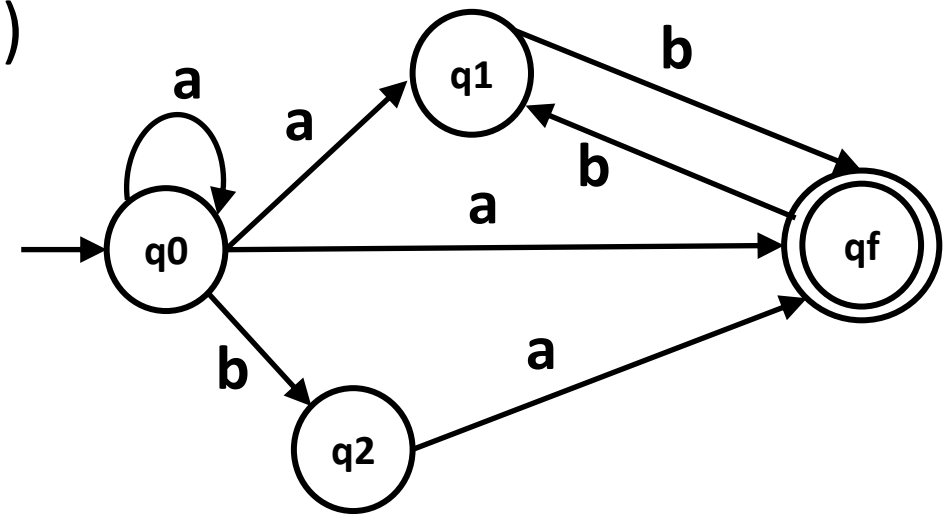
*3. What are the languages accepted by the following NFA ?

a)



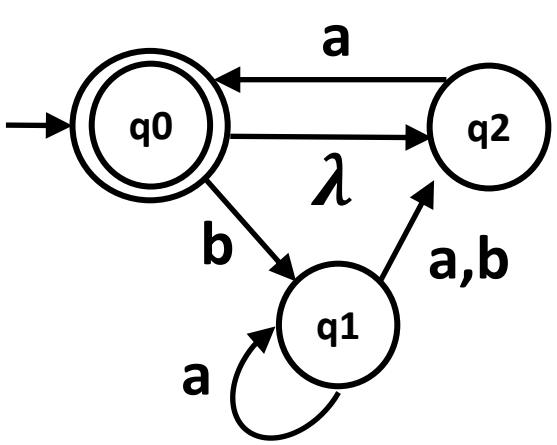
L = { a, ab}

b)



L = {a,b}*.{ba}

c)



L = { a, bba.baa, λ }*

**ผมไม่ มี Ipad ขออนุญาตเขียนในคอมนะครับ 65015137 วัฒชัย เตชะลือ Sec.53