Automata, Computability and Formal Languages — Spring 2020
CS 3350 — L. Longpré

Assignment 2, due 1/30/2020 in class

Let an NFA be defined as $(Q, \Sigma, \delta, q_0, F)$ where

- $Q = \{q_0, q_1, q_2\}$
- $\Sigma = \{a, b\}$
- q_0 is the start state
- $F = \{q_1\}$
- δ is given by

	a	b	ε
q_0	$\{q_0\}$	$\{q_2\}$	$\{q_1\}$
q_1	$\{q_0\}$	$\{q_2\}$	$\emptyset$
q_2	$\{q_1\}$	$\{q_0, q_2\}$	$\emptyset$

1. Draw the diagram for this NFA
2. Convert this NFA to a DFA.