## Programming Languages and Compilers: Quiz #2

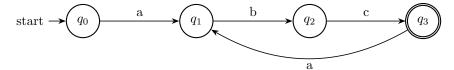
Due on March 14, 2024 at  $3{:}10\mathrm{pm}$ 

Professor CHUNG YUNG CS Group

LEE CHIH PIN

## Problem 1

What is the transition table for the following finite automata?



## Solution

State	Character				
	a	b	c		
qo	q1				
qo q1 q2 q3		q2			
q2			q3		
q3	q1				

Table 1: State Transition Table