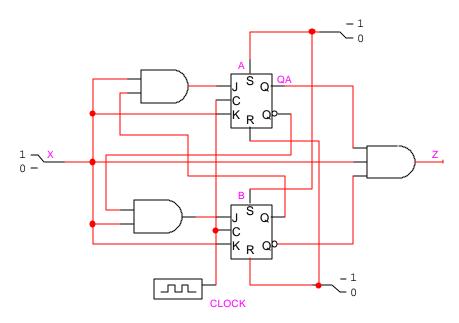
Name \_\_\_\_\_ Box \_\_\_\_ Due date: Thursday April 19
ECE130 Homework #15 Spring 2001

1 Obtain state equations, state table, and state diagram for the following circuit.



## State and output equations

Present	Next		Output		( 00 )	(01)
	X=0	X=1	X=0	X=1		
QA QB	QA QB	QA QB	Z	Z		
00						
01						
10						
11					$oxed{10}$	$\left(11\right)$
					( 10 )	( 11 )

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