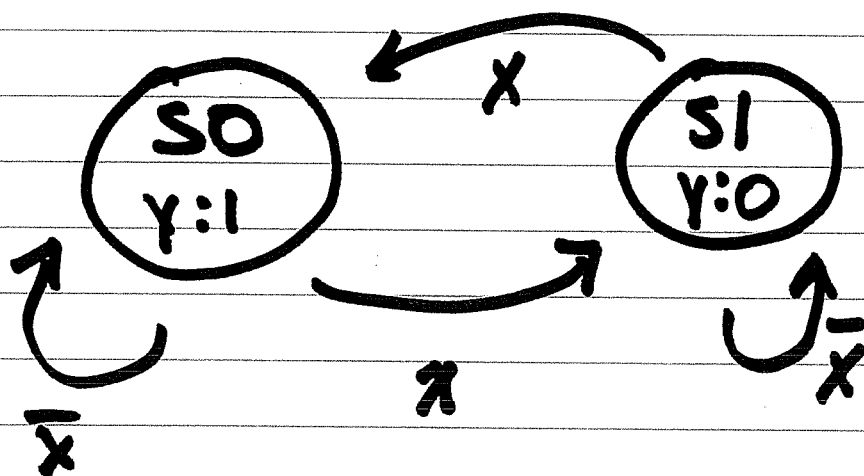


Quiz

Draw the state transition table for the following state diagram



x : input
 y : output



Current State	Input x	Next State	Output y
S0	x	S1	y
S0	\bar{x}	S0	y
S1	x	S0	\bar{y}
S1	\bar{x}	S1	\bar{y}