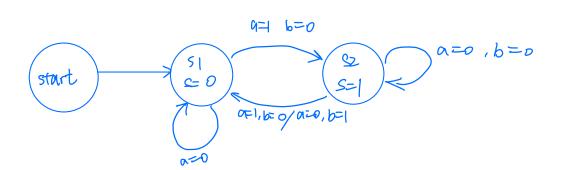
(a) State variables: S, a, b, x, y

3 States: (50); initial state 51: s=0 s=1

(4)



 \mathcal{A} the variable S is mitialized to False.

if a=1, b=0 } S transist from false to true or a=0, b=0, s=true } otherwise it remains false

the output x, y are defined by a, b, S

s wait for a to turn I then it can turn from 0 >)

	S	0		V 0	0	0	<u> </u>	70
PI	(els)	\	0		0	0	0	

a	\		0	0	Ø	1	0	1
0	\	0		0		0	0	0
X	0	0						
y	0	0						