

Ass5 Answers

April 5, 2019 4:30 PM

1.

state	Next state		out
	$x=0$	$x=1$	z
A	B	B	0
B	A	C	0
C	A	A	1

2.

Y	00	01	11	10	Q
a	a	\bar{a}	b	b	0
b	a	b	b	b	1

y/AB	00	01	11	10	Y
0	0	0	1	1	0
1	0	1	1	1	1

↑
overlap

$$Y = y \cdot B + A$$

