

current state	condition	next state
0001	[A-Z]	0001
	[b-z]	0001
	a	1101
0100	b	0100
	a	0010
1101	[A-Z]	0001
	[c-z]	0001
	a	1111
	b	0101

current state	condition	next state
1111	[A-Z]	0001
	[c-z]	0001
	a	1111
0101	b	0101
	[A-Z]	0001
0101	[c-z]	0001
	a	1101
	b	0101