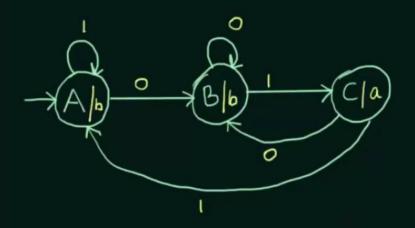
Construct a Moore Machine that prints 'a' whenever the sequence '01' is encountered in any input binary string and then CONVERT IT TO ITS EQUIVALENT MEALY MACHINE

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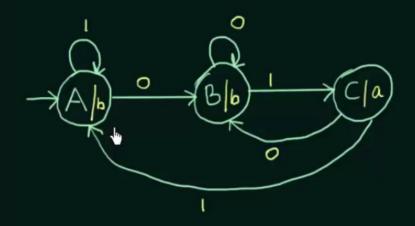
Moore Machine \longleftarrow Mealy Machine

Construct a Moore Machine that prints 'a' whenever the sequence '01' is encountered in any input binary string and then CONVERT IT TO ITS EQUIVALENT MEALY MACHINE



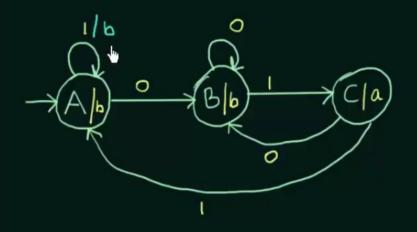
State	0	1	Output
\rightarrow A	В	Α	Ь
В	В	С	Ь
C	В	Α	a

Construct a Moore Machine that prints 'a' whenever the sequence '01' is encountered in any input binary string and then CONVERT IT TO ITS EQUIVALENT MEALY MACHINE



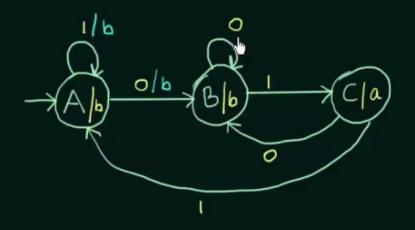
State	0	1	Output
→ A	В	Α	Ь
В	В	C	Ь
C	В	Α	a
			1

Construct a Moore Machine that prints 'a' whenever the sequence '01' is encountered in any input binary string and then CONVERT IT TO ITS EQUIVALENT MEALY MACHINE



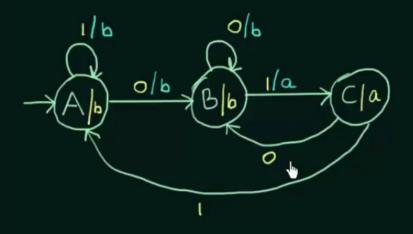
State	0	1	Output
→ A	В	Α	Ь
В	В	С	Ь
C	В	Α	a

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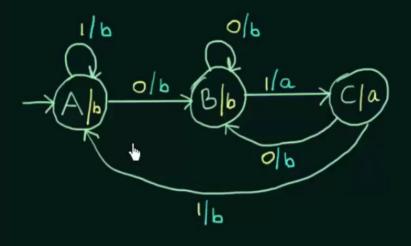
State	0	1	Output
\rightarrow A	В	Α	Ь
В	В	С	Ь
C	В	Α	a

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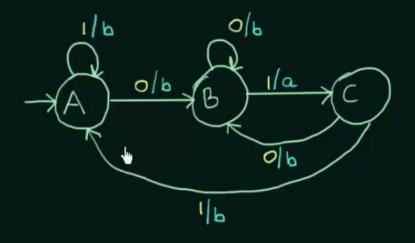
State	0	1	Output
→ A	В	Α	Ь
В	В	C	Ь
С	В	Α	a
			1

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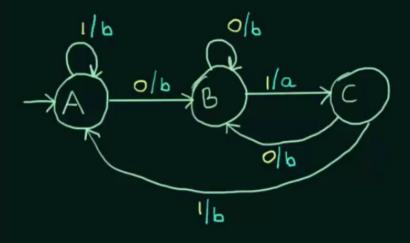
State	0	1	Output
\rightarrow A	В	Α	Ь
В	В	C	Ь
С	В	Α	a

Construct a Moore Machine that prints 'a' whenever the sequence '01' is encountered in any input binary string and then CONVERT IT TO ITS EQUIVALENT MEALY MACHINE



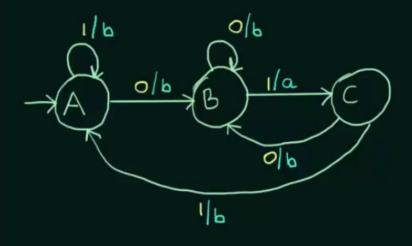
State	0	1	Output
\rightarrow A	В	Α	Ь
В	В	C	Ь
С	В	Α	a

Construct a Moore Machine that prints 'a' whenever the sequence '01' is encountered in any input binary string and then CONVERT IT TO ITS EQUIVALENT MEALY MACHINE



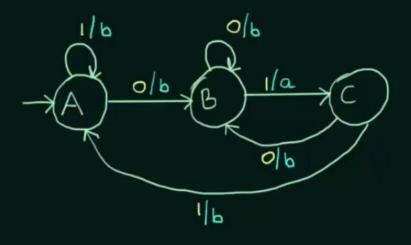
State	0	1	Output
\rightarrow A	В, Ь	A	Ь
В	В	C	Ь
C	В	A	a

Construct a Moore Machine that prints 'a' whenever the sequence '01' is encountered in any input binary string and then CONVERT IT TO ITS EQUIVALENT MEALY MACHINE



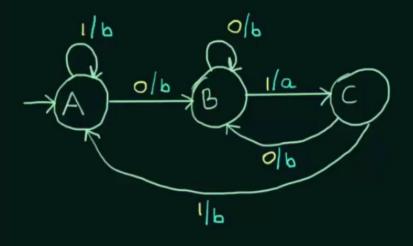
State	0	1	Output
\rightarrow A	В, Ь	A	Ь
В	В	С	Ь
С	В	A	a

Construct a Moore Machine that prints 'a' whenever the sequence '01' is encountered in any input binary string and then CONVERT IT TO ITS EQUIVALENT MEALY MACHINE



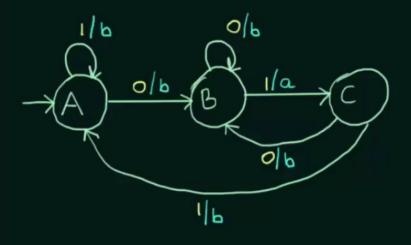
State	0	1	Output
\rightarrow A	В, Ь	A,6	Ь
В	В	С	Ь
c	В	Α	a

Construct a Moore Machine that prints 'a' whenever the sequence '01' is encountered in any input binary string and then CONVERT IT TO ITS EQUIVALENT MEALY MACHINE



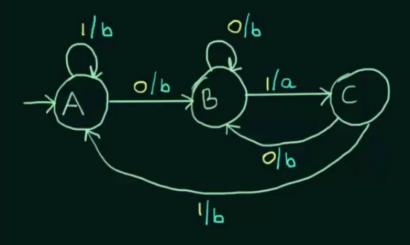
State	0	1	Output
\rightarrow A	В, Ь	A,6	Ь
В	ВЪ	С	Ь
C	В	Α	a

Construct a Moore Machine that prints 'a' whenever the sequence '01' is encountered in any input binary string and then CONVERT IT TO ITS EQUIVALENT MEALY MACHINE



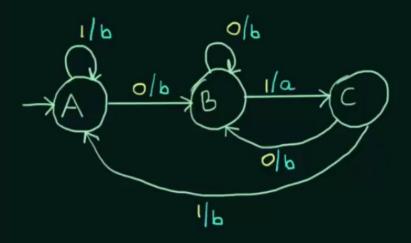
State	0	1	Output
\rightarrow A	В, Ь	A,6	Ь
В	ВЪ	c,a	Ь
C	В	Α	a

Construct a Moore Machine that prints 'a' whenever the sequence '01' is encountered in any input binary string and then CONVERT IT TO ITS EQUIVALENT MEALY MACHINE



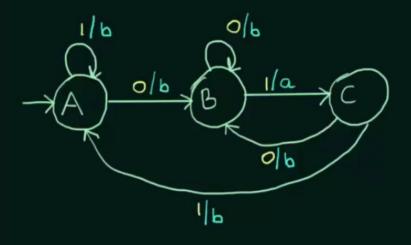
State	0	1	Output
\rightarrow A	В, Ь	A,6	Ь
В	ВЉ	c,a	Ь
С	B,k	Α	a

Construct a Moore Machine that prints 'a' whenever the sequence '01' is encountered in any input binary string and then CONVERT IT TO ITS EQUIVALENT MEALY MACHINE



State	0	1	Output
\rightarrow A	В, Ь	A,6	Ь
В	ВЪ	c,a	Ь
C	В,Ь	A,b	a
		•	

Construct a Moore Machine that prints 'a' whenever the sequence '01' is encountered in any input binary string and then CONVERT IT TO ITS EQUIVALENT MEALY MACHINE



State	0	1
\rightarrow A	В, Ь	A, 6
В	ВЉ	c,a
С	В,Ь	A,b

• Questions????