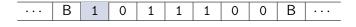
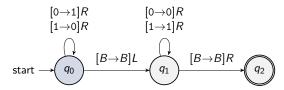
$$f(w) =$$
(the flip of each bit in w)

• • •	B 1	0	1	1	1	0	0	В	• • •
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- 1: Flip each bit of the input: $1 \rightarrow 0$ and $0 \rightarrow 1$
- 2: Go to the first input symbol

$$f(w) = ($$
the flip of each bit in $w)$

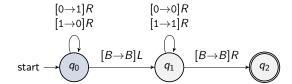




Flip each bit of the input: $1 \rightarrow 0$ and $0 \rightarrow 1$.

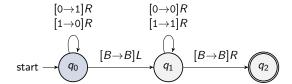
$$f(w) = ($$
the flip of each bit in $w)$

B 0 0 1 1 1 0 0 B



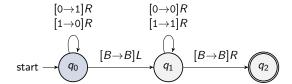
$$f(w) = ($$
the flip of each bit in $w)$

•••	В	0	1	1	1	1	0	0	В	• • •
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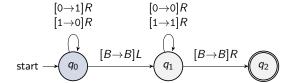
$$f(w) = ($$
the flip of each bit in $w)$

B 0 1 0 1 1 0 0 B



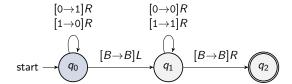
$$f(w) = ($$
the flip of each bit in $w)$

|--|



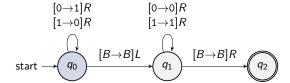
$$f(w) = ($$
the flip of each bit in $w)$

B 0 1 0 0 0 0 0 B



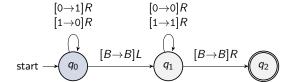
$$f(w) = ($$
the flip of each bit in $w)$

B 0 1 0 0 0 1 0 B

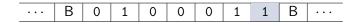


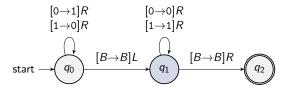
$$f(w) = ($$
the flip of each bit in $w)$

	В	0	1	0	0	0	1	1	В	
--	---	---	---	---	---	---	---	---	---	--



$$f(w) =$$
(the flip of each bit in w)

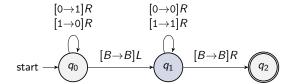




Go to the first input symbol.

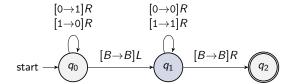
$$f(w) = ($$
the flip of each bit in $w)$

B 0 1 0 0 0 1 1 B



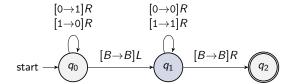
$$f(w) = ($$
the flip of each bit in $w)$

		В	0	1	0	0	0	1	1	В	• • •
--	--	---	---	---	---	---	---	---	---	---	-------



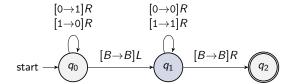
$$f(w) = ($$
the flip of each bit in $w)$

D 0 1 0 0 1 1 D



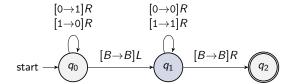
$$f(w) = ($$
the flip of each bit in $w)$

B 0 1 0 0 0 1 1 B ·	• •
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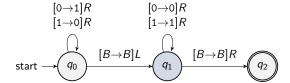
$$f(w) = ($$
the flip of each bit in $w)$

B 0 1 0 0 0 1 1 B



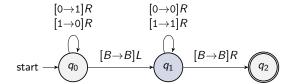
$$f(w) = ($$
the flip of each bit in $w)$

· В	0	1	0	0	0	1	1	В	• • •
------	---	---	---	---	---	---	---	---	-------



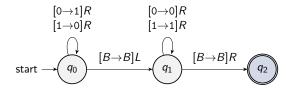
$$f(w) = ($$
the flip of each bit in $w)$

• • •	В	0	1	0	0	0	1	1	В	• • •
-------	---	---	---	---	---	---	---	---	---	-------



$$f(w) = ($$
the flip of each bit in $w)$

B 0 1 0 0 0 1 1 B



Computed! f(1011100) = 0100011