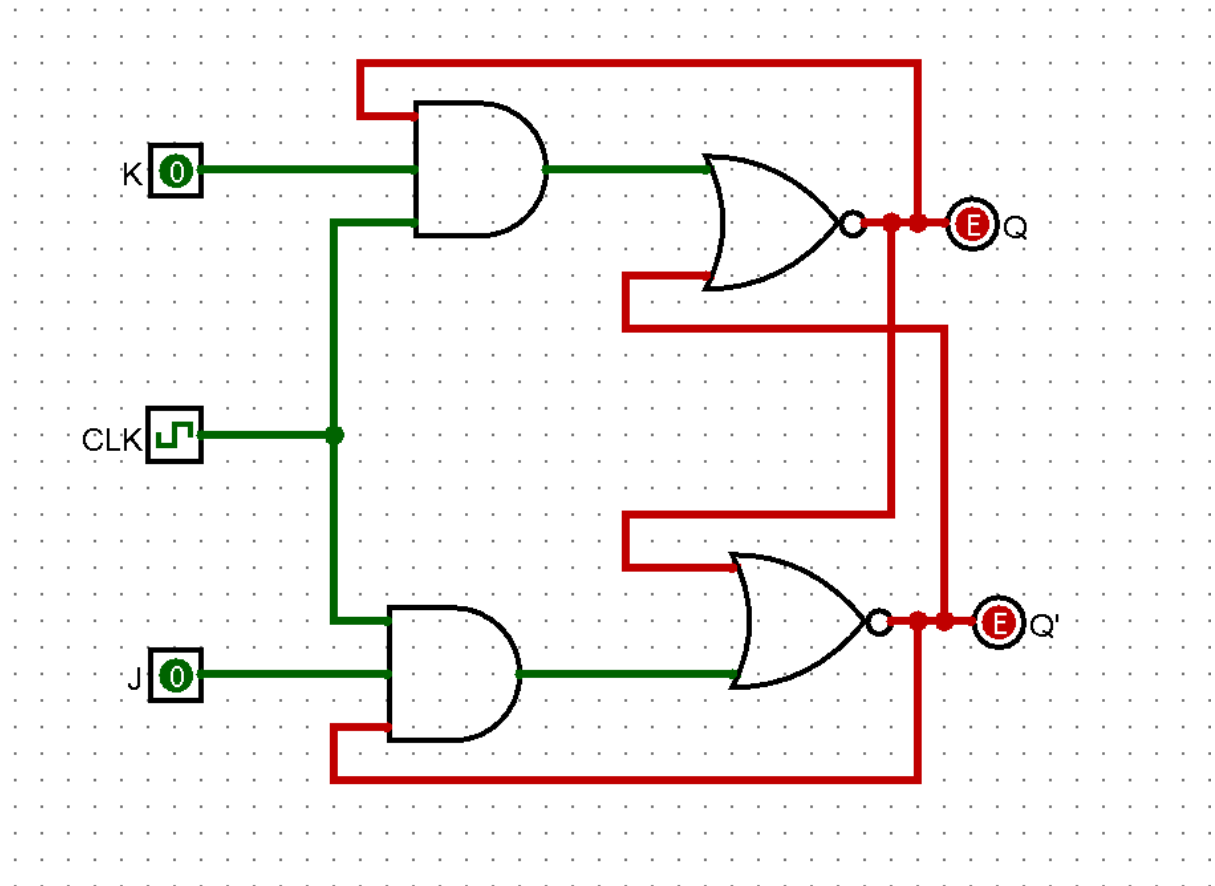


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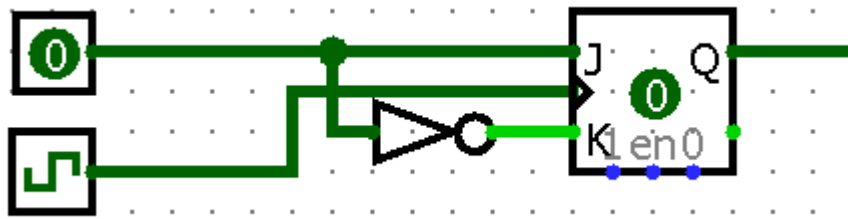
J-K Flip-flop using AND and NOR gates:

Logisum:

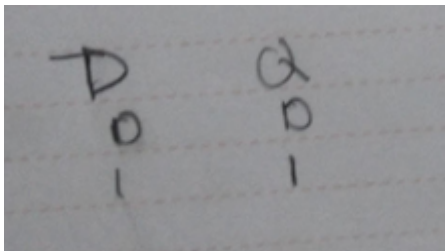


Proof and Discussion:

Logisum:

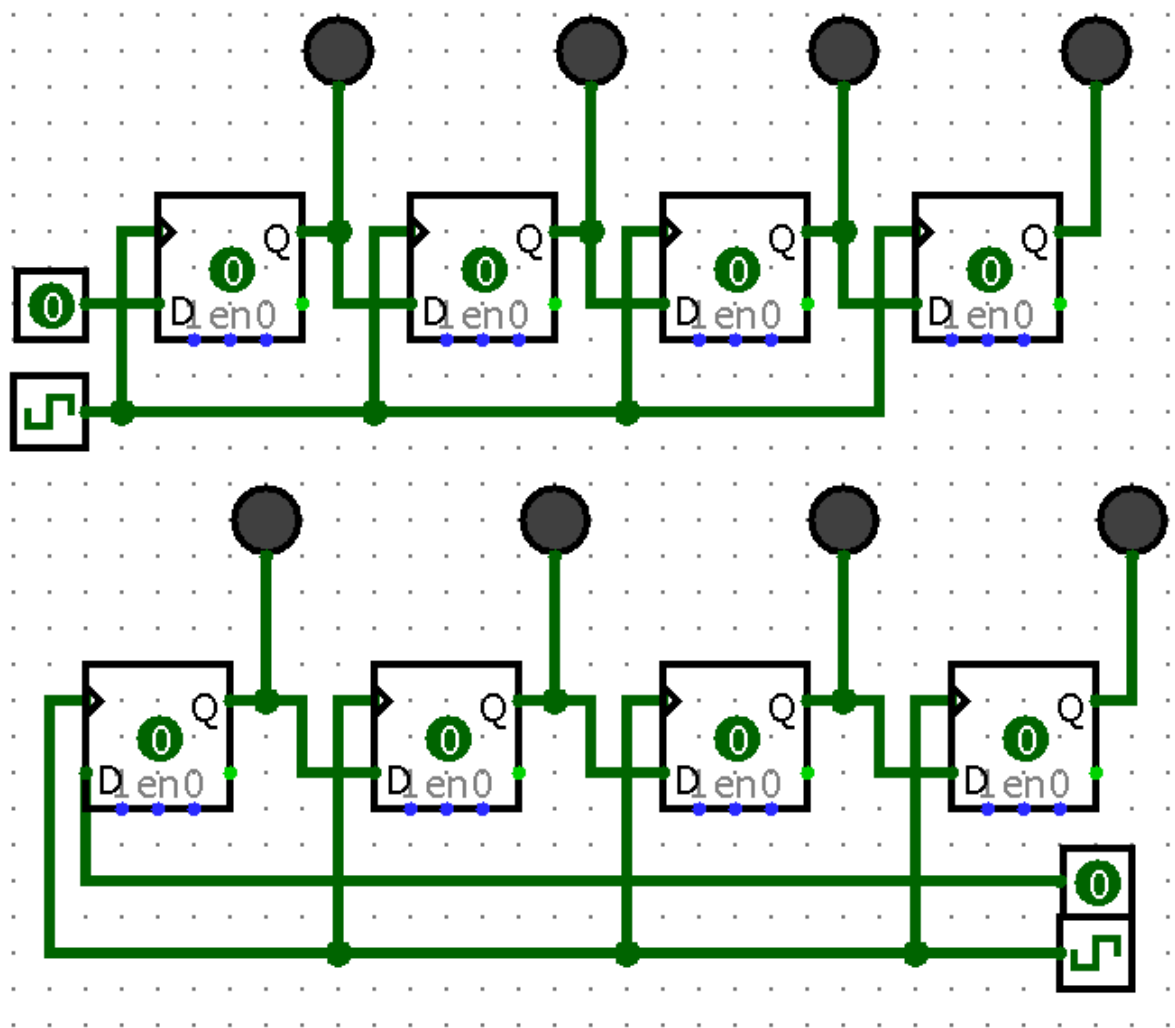


Proof and Discussion:



Register:

Logisum:



Proof and Discussion:

Input

x	elc	output
1		1000
0		0100
1		0010
0		0101