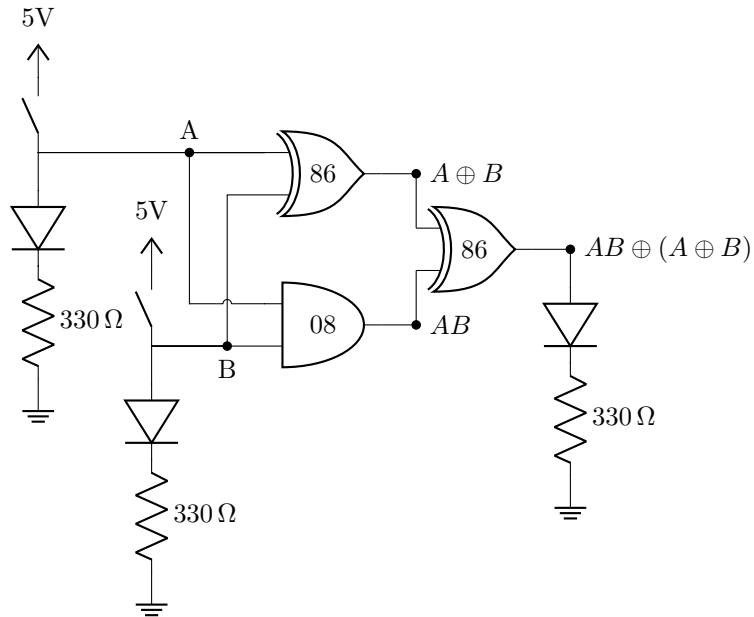


Prelab 2



A	B	$A \oplus B$	AB	$AB \oplus (A \oplus B)$	$A + B$
0	0	0	0	0	0
0	1	1	0	1	1
1	0	1	0	1	1
1	1	0	1	1	1

As seen in the truth table above, $F = AB \oplus (A \oplus B)$ resembles $A + B$, the or gate.