(1) $\overline{[(A.B)+C]}$

(2) $[(A.B)+(C.D)]+(A+B)$

(3) $[(A.B).(A+C)]+\overline{(A+C)}$

(4) $\overline{[(B \oplus D)+C]}.(C \oplus \bar{A})$

(5) $(A.\bar{B})+(\bar{A}.B)$

A	B	C	S
0	0	0	1
0	0	1	0
0	1	0	1
0	1	1	0
1	0	0	1
1	0	1	0
1	1	0	0
1	1	1	0

Circuito 1

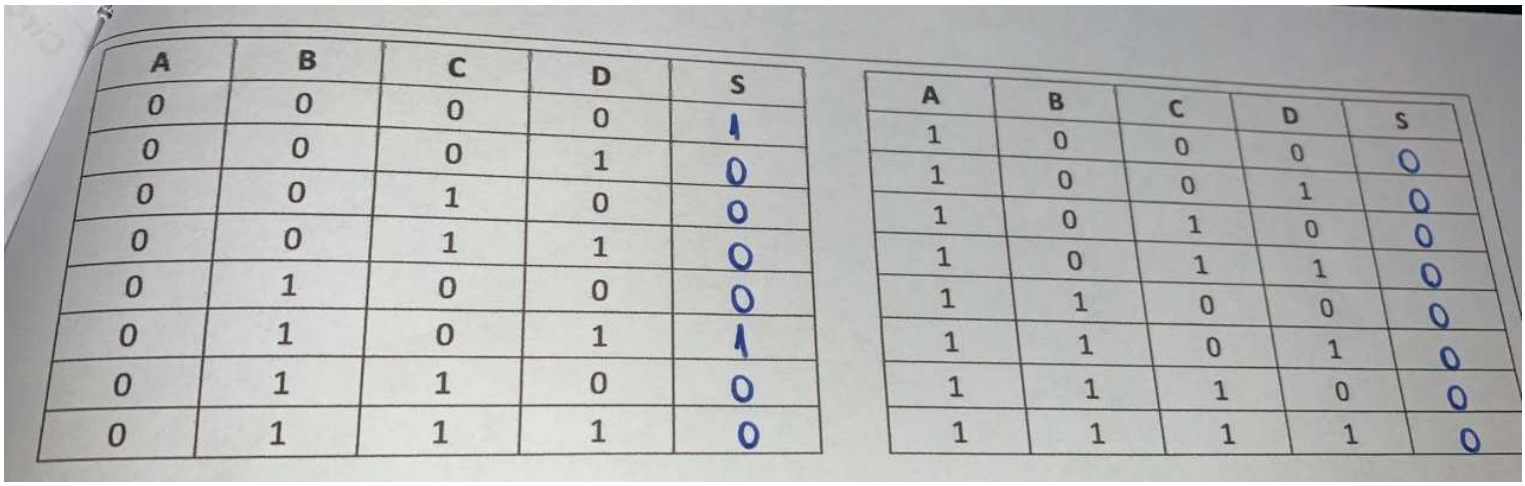
A	B	C	D	S
0	0	0	0	0
0	0	0	1	0
0	0	1	0	0
0	0	1	1	1
0	1	0	0	1
0	1	0	1	1
0	1	1	0	1
0	1	1	1	1

A	B	C	D	S
1	0	0	0	1
1	0	0	1	1
1	0	1	0	1
1	0	1	1	1
1	1	0	0	1
1	1	0	1	1
1	1	1	0	1
1	1	1	1	1

Circuito 2

A	B	C	S
0	0	0	1
0	0	1	0
0	1	0	1
0	1	1	0
1	0	0	0
1	0	1	0
1	1	0	1
1	1	1	1

Circuito 3



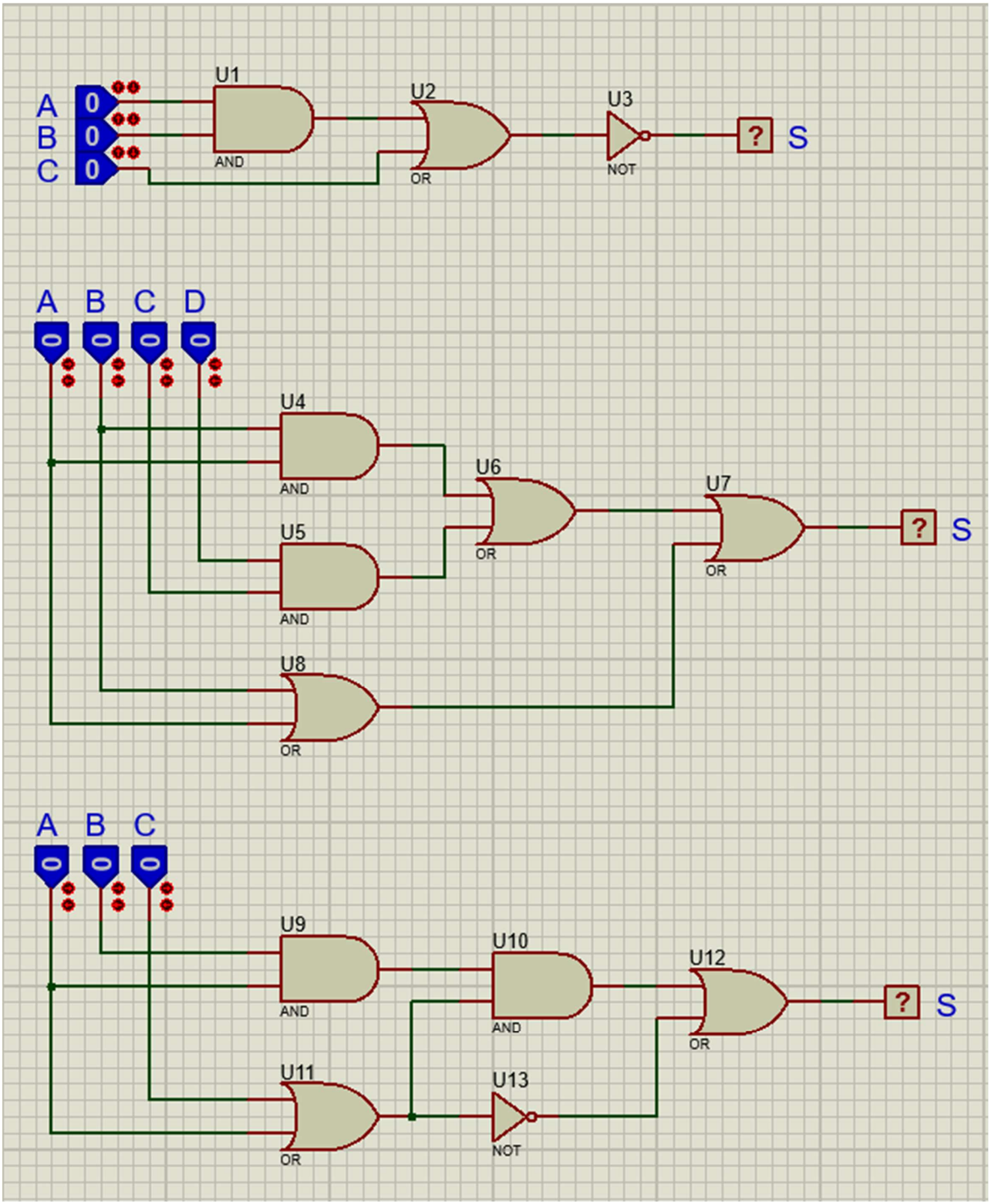
A	B	C	D	S
0	0	0	0	1
0	0	0	1	0
0	0	1	0	0
0	0	1	1	0
0	1	0	0	0
0	1	0	1	1
0	1	1	0	0
0	1	1	1	0

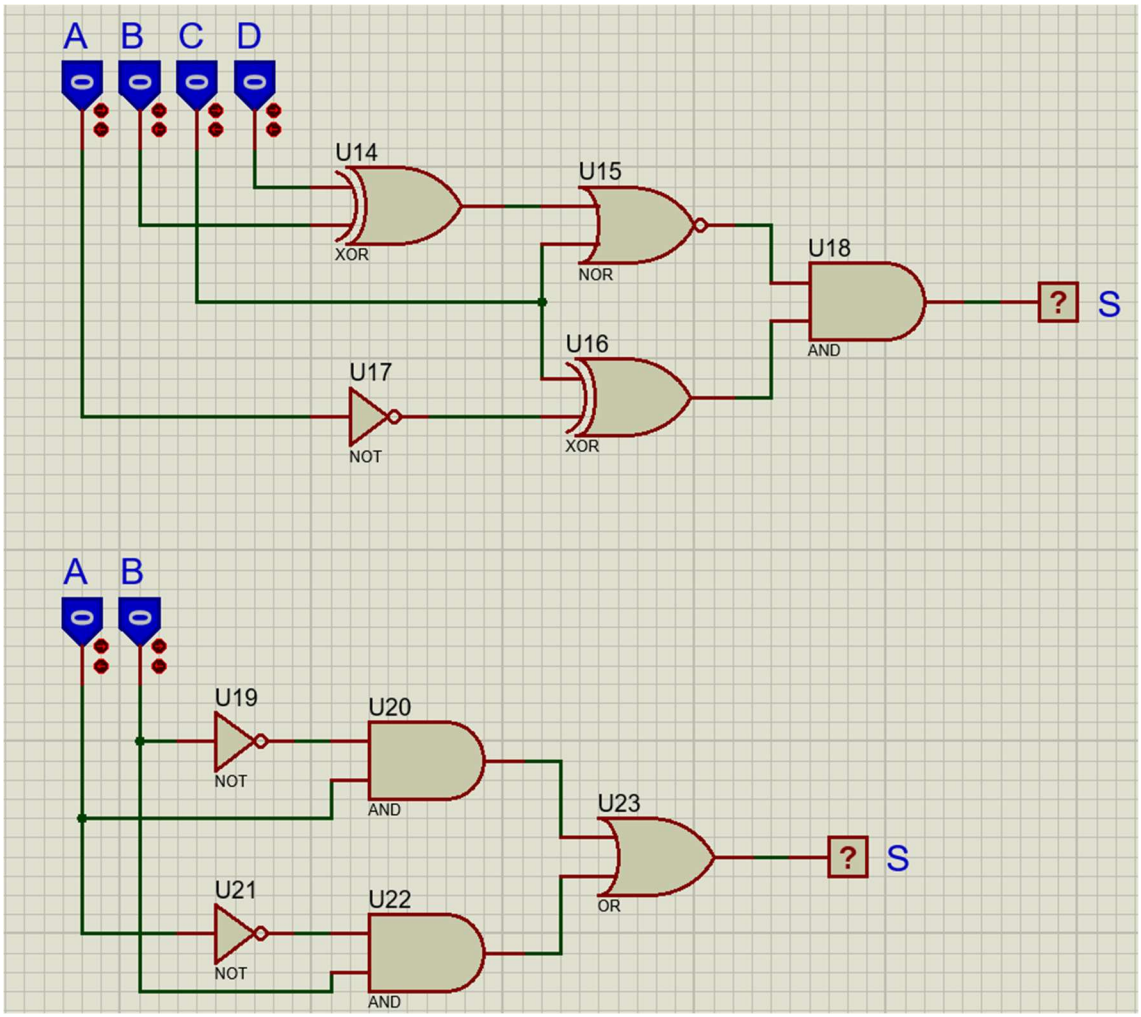
A	B	C	D	S
1	0	0	0	0
1	0	0	1	0
1	0	1	0	0
1	0	1	1	0
1	1	0	0	0
1	1	0	1	0
1	1	1	0	0
1	1	1	1	0

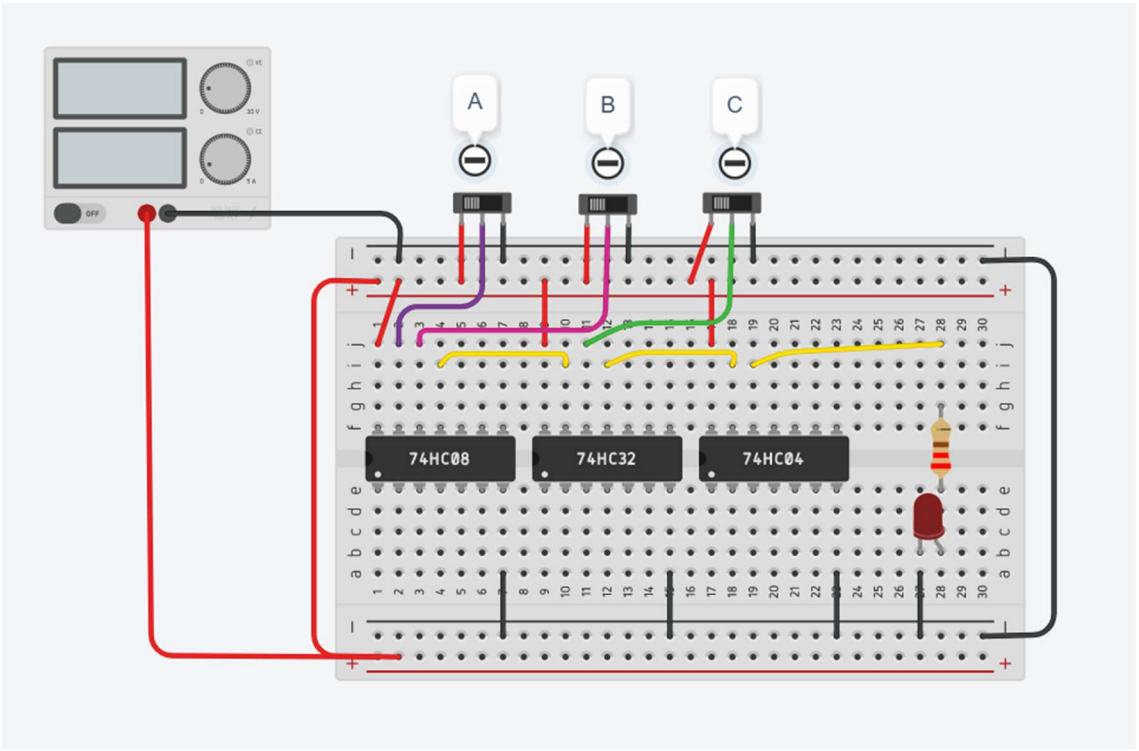
Circuito 4

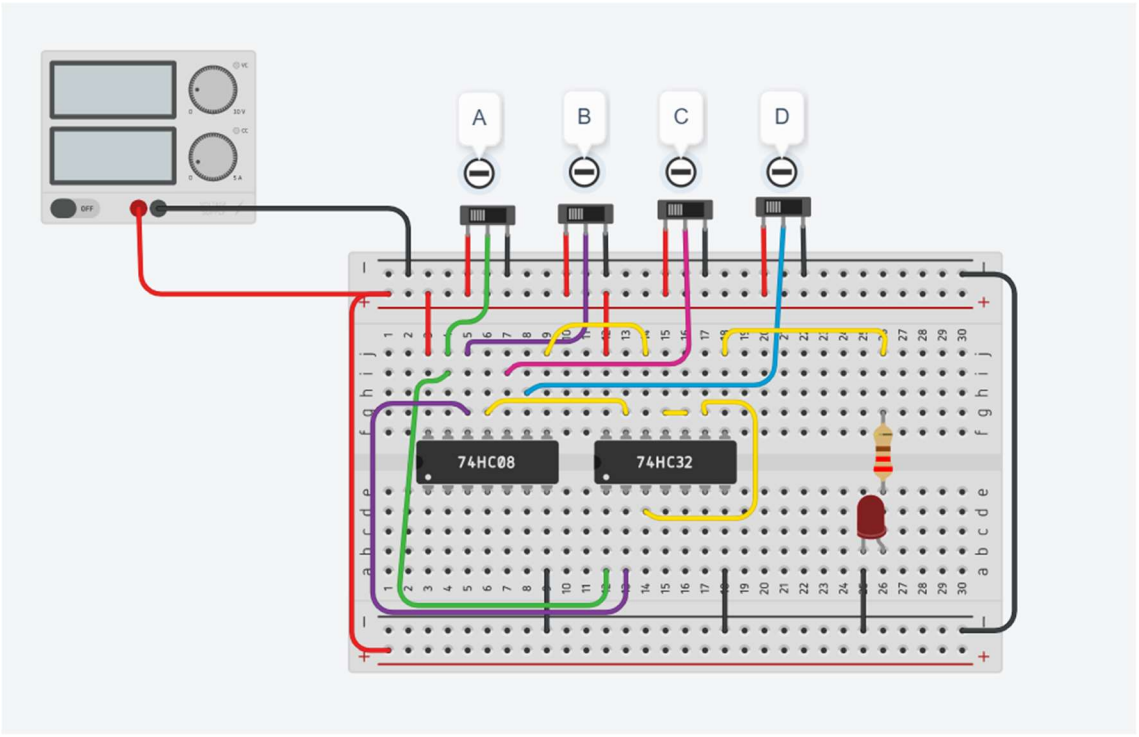
A	B	S
0	0	0
0	1	1
1	0	1
1	1	0

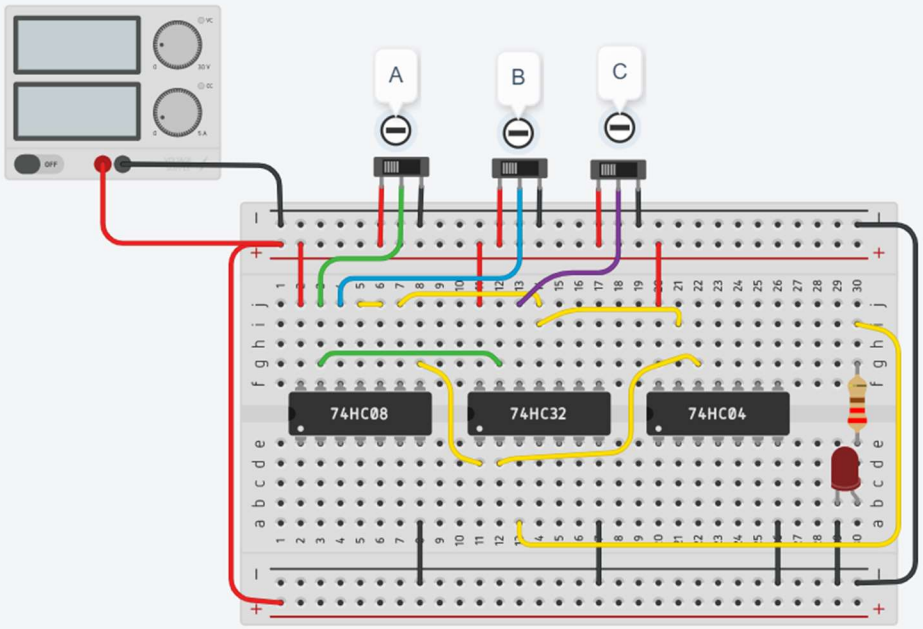
Circuito 5

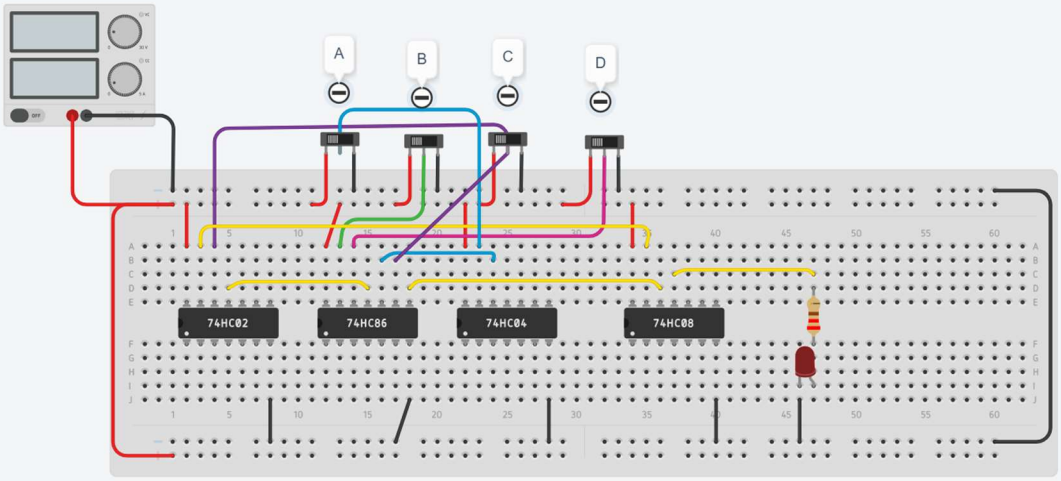

A
B
C
0
0
0
U1
AND
U2
OR
U3
NOT
?
S
A
B
C
D
U4
AND
U5
AND
U6
OR
U7
OR
U8
OR
?
S
A
B
C
U9
AND
U10
AND
U11
OR
U12
OR
U13
NOT
?
S

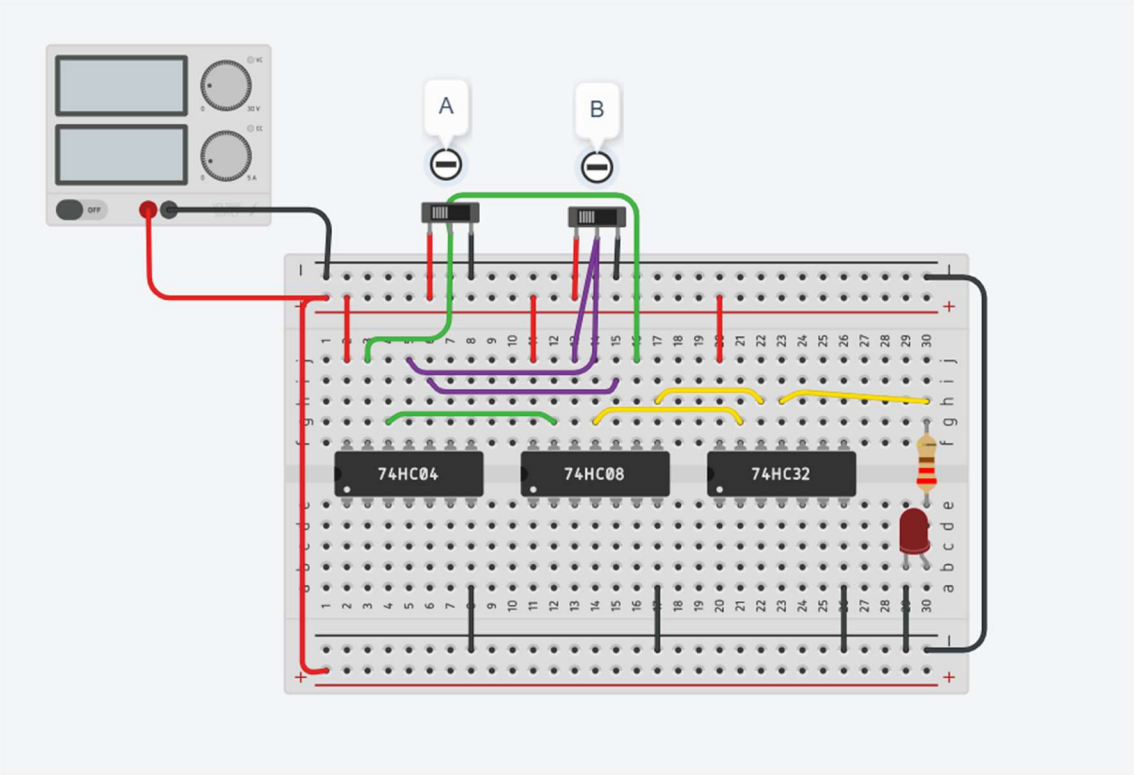

A
B
C
D
U14
XOR
U15
NOR
U18
AND
?
S
U16
XOR
U17
NOT
A
B
U19
NOT
U20
AND
U23
OR
?
S
U21
NOT
U22
AND


A
B
C
74HC08
74HC32
74HC04


A
B
C
D
74HC08
74HC32


A
B
C
74HC08
74HC32
74HC04


A
B
C
D
74HC02
74HC86
74HC04
74HC08


A
B
74HC04
74HC08
74HC32