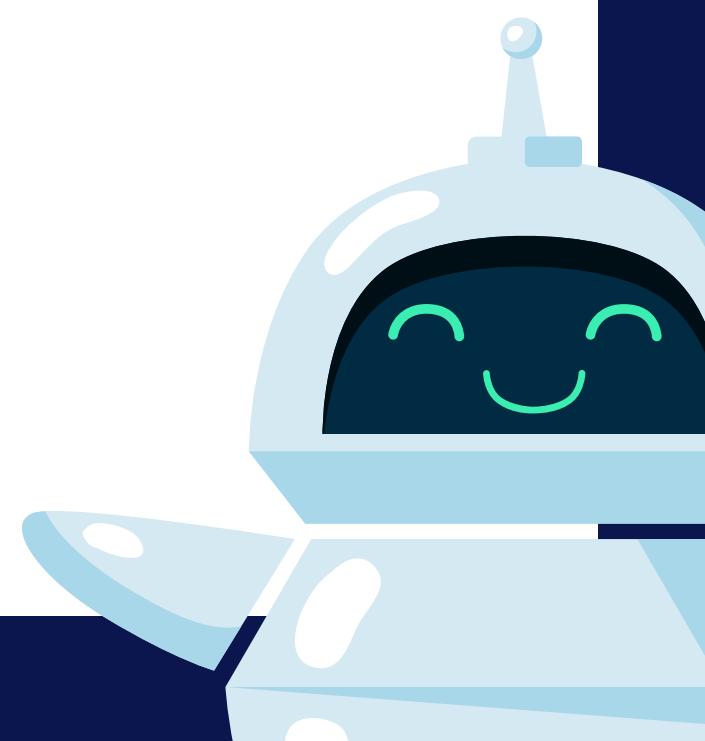
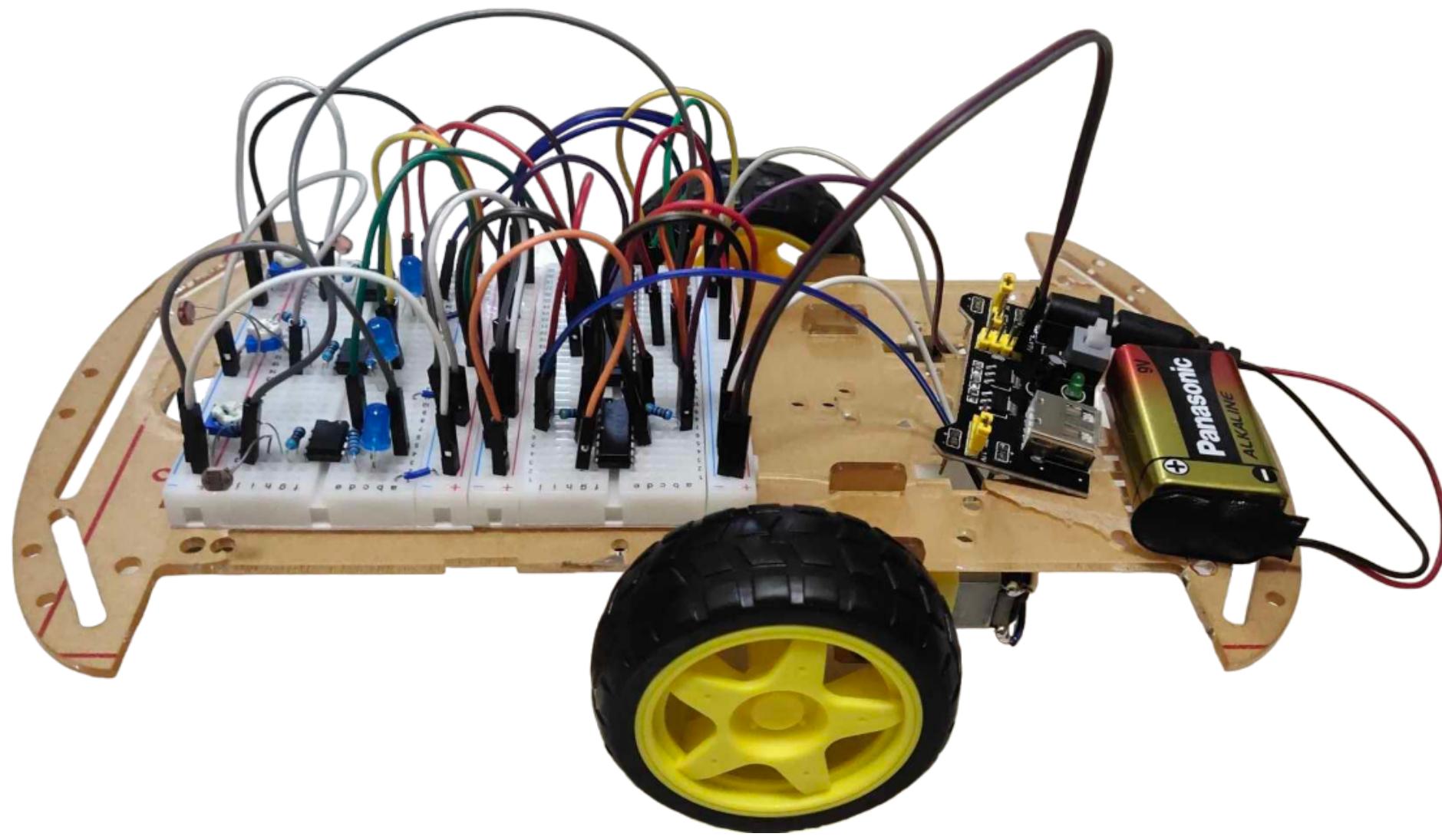
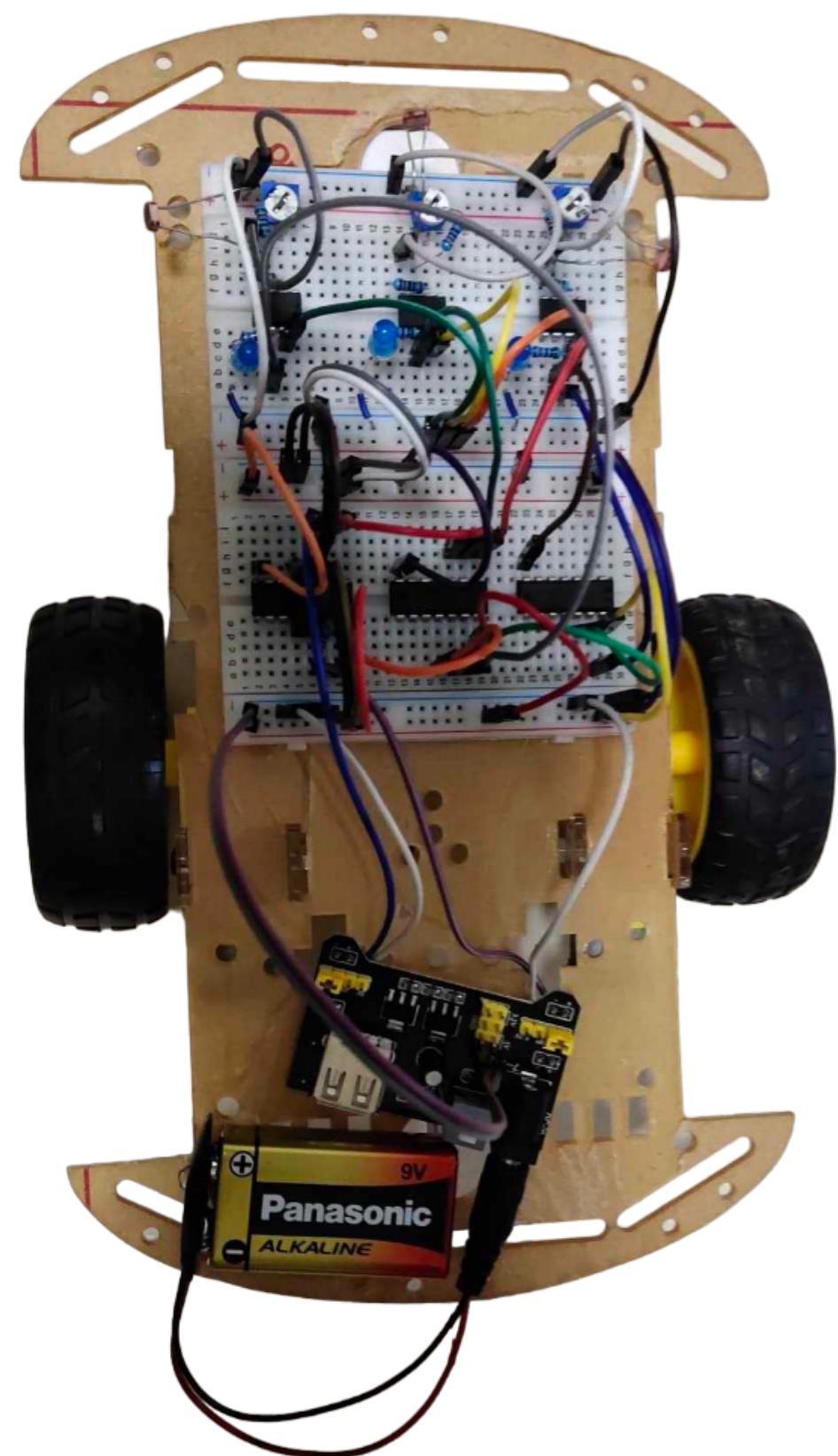


Light Tracking Car

THIS REPORT IS PART OF THE COURSE CPE 212

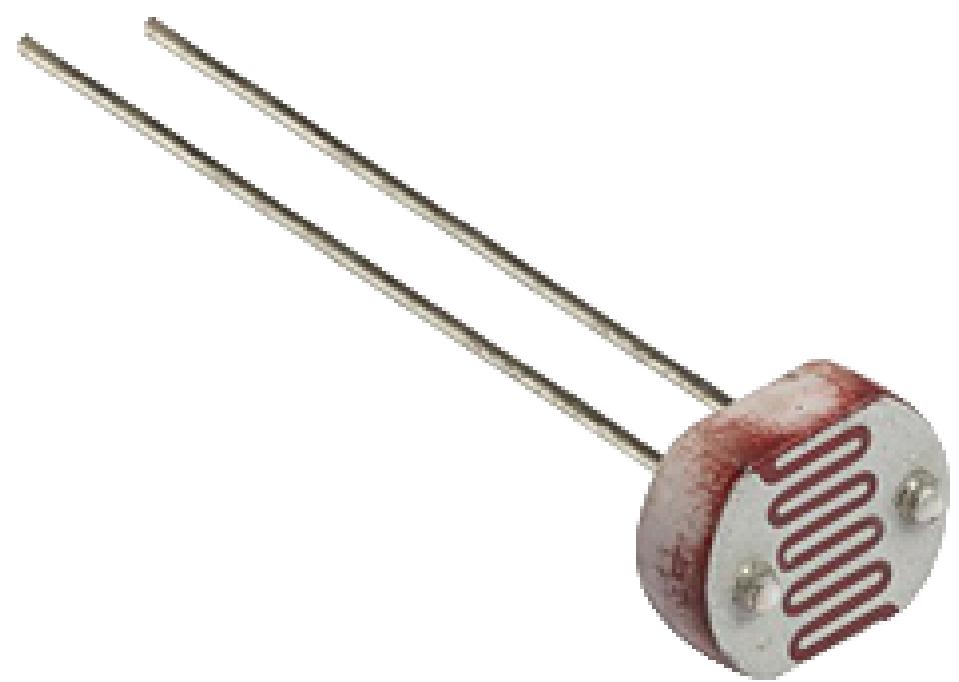
ຕົວຢ່າງ



ວິສດຸອຸປກຣນ



DC MOTOR



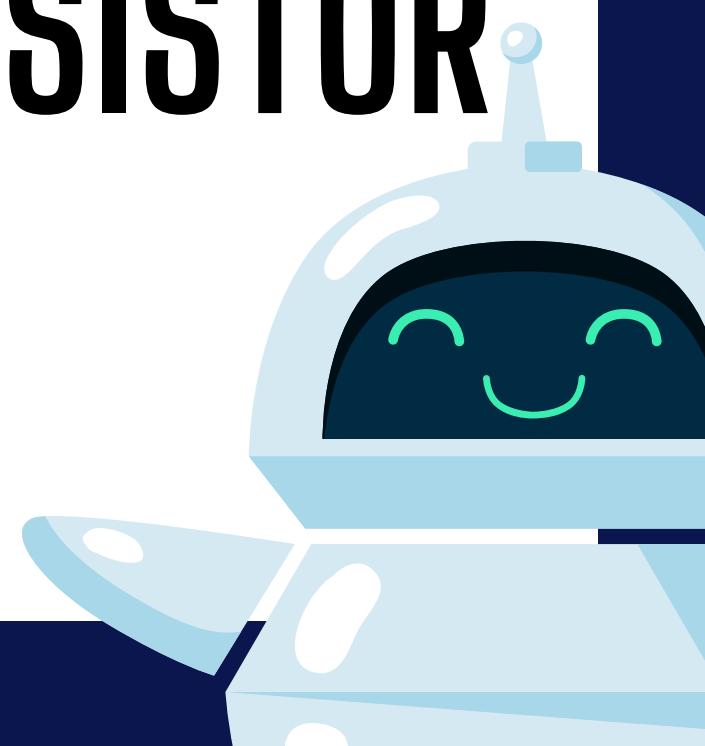
LDR

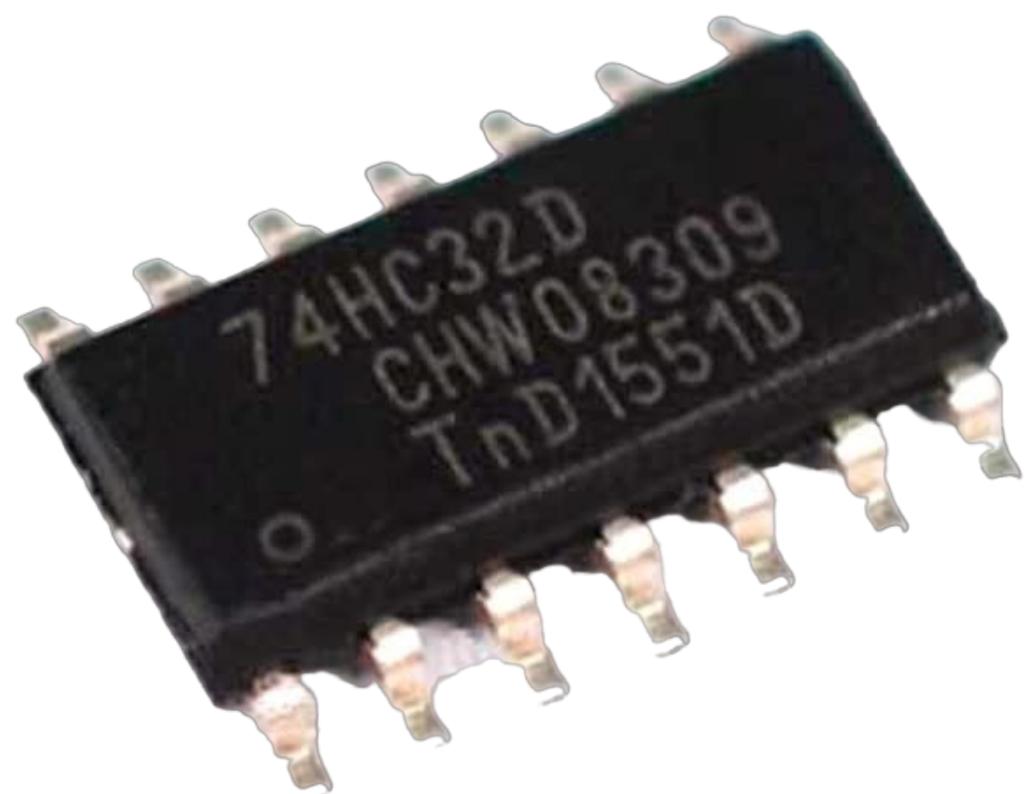
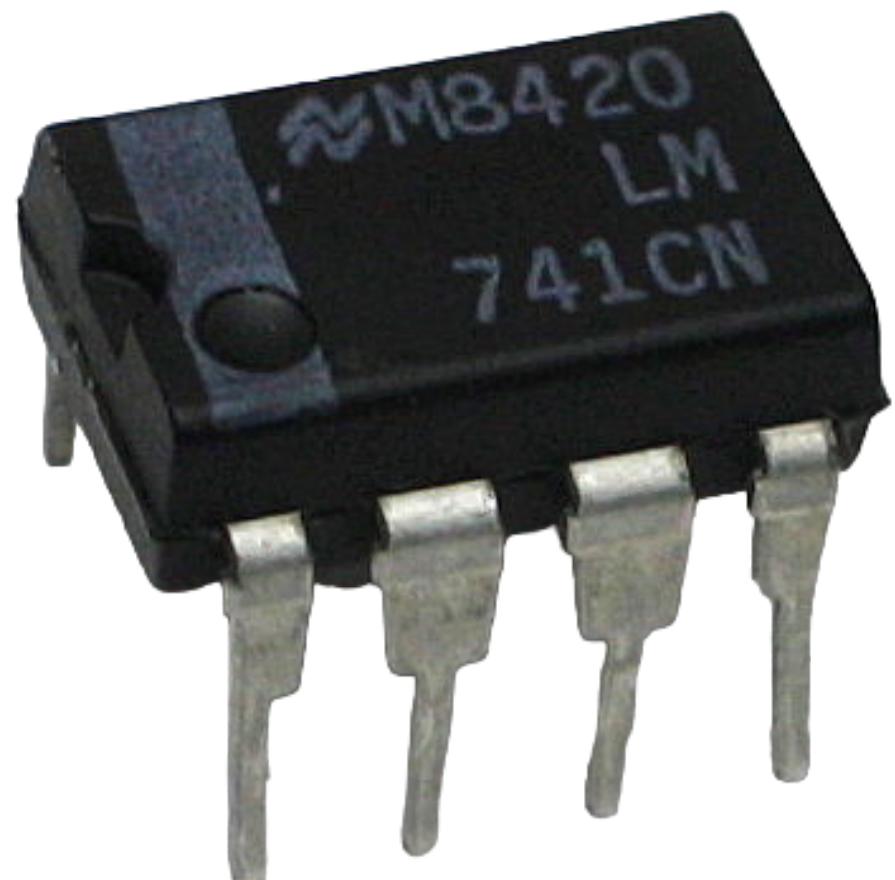


RESISTER



VARIABLE RESISTOR





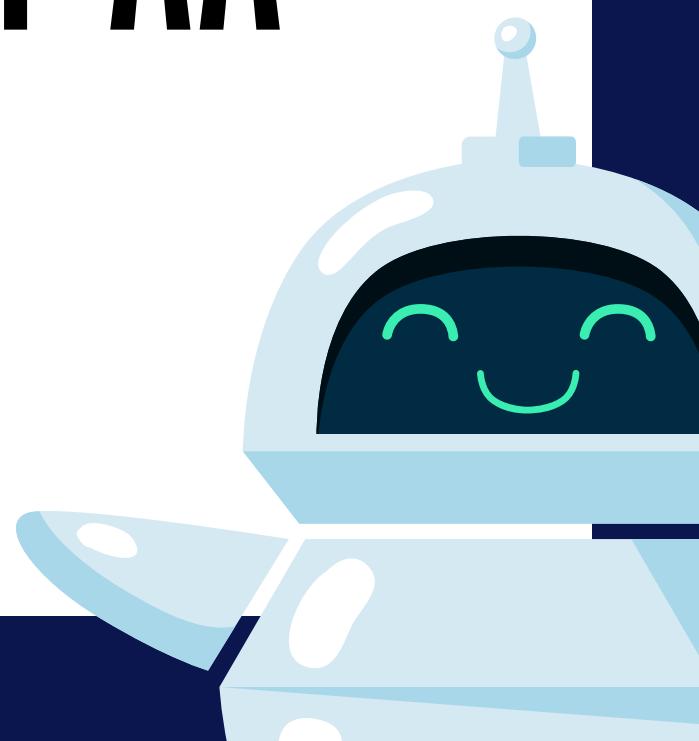
741 AMPLIFIER

74HC32



WIRE

BATTERY AA





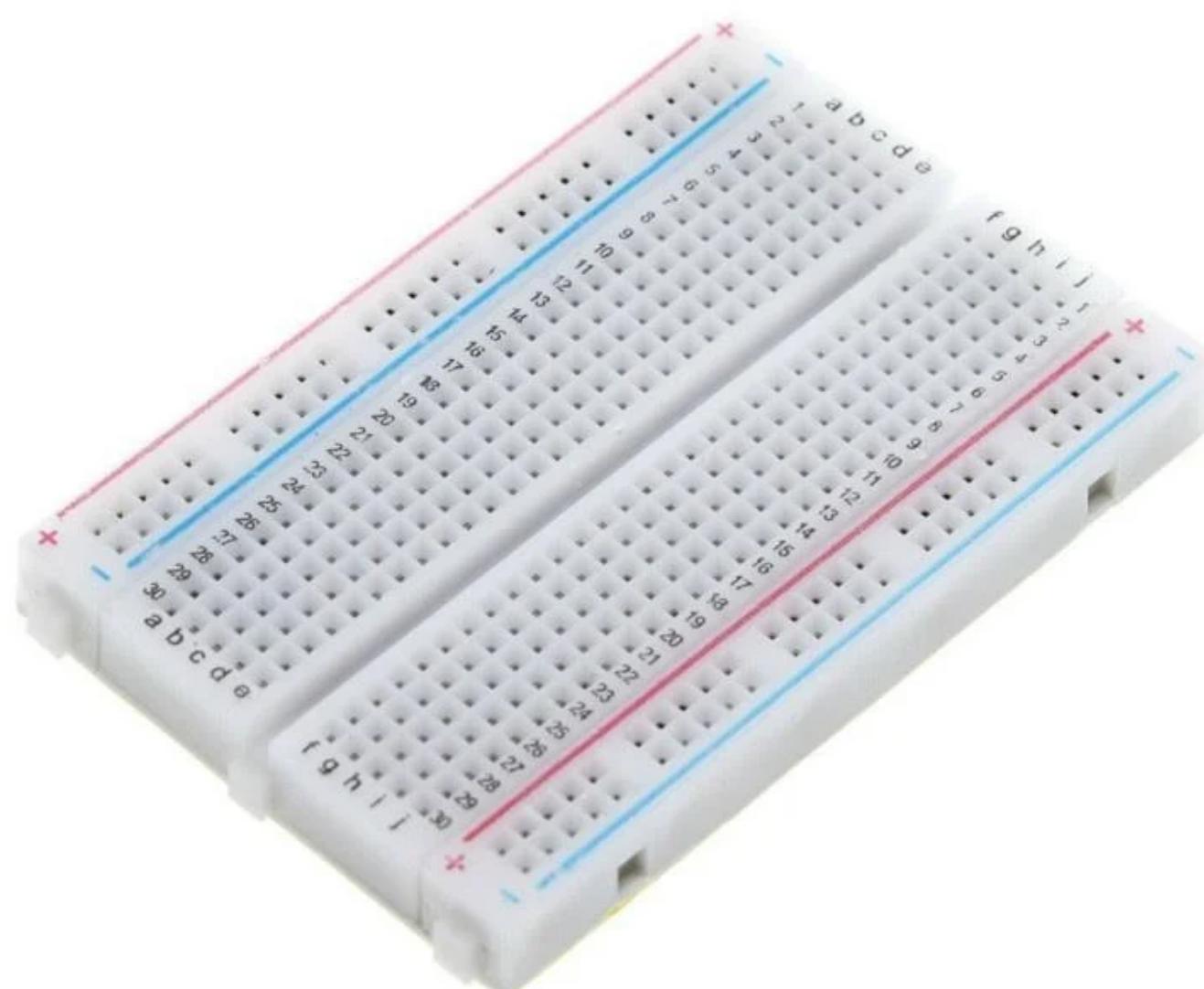
WHEEL



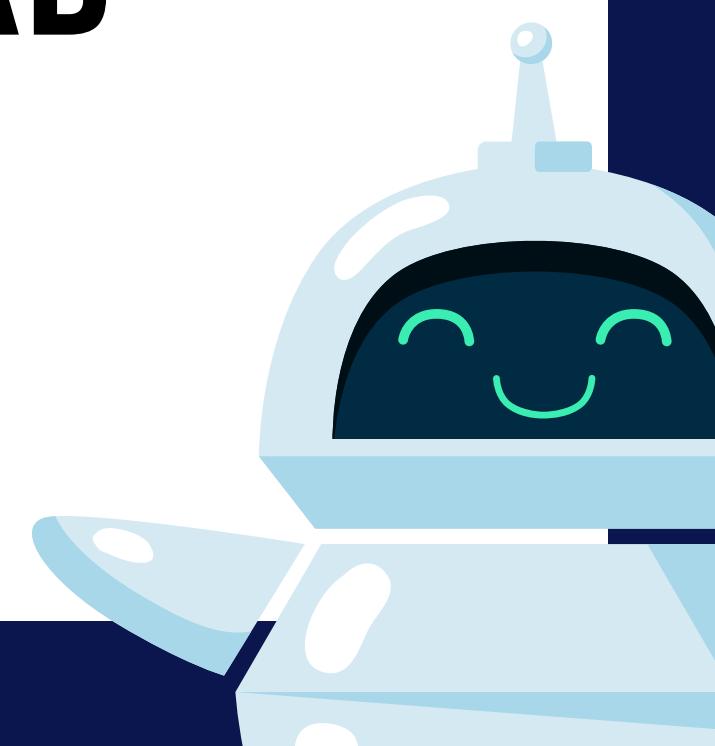
ELECTRIC WIRE



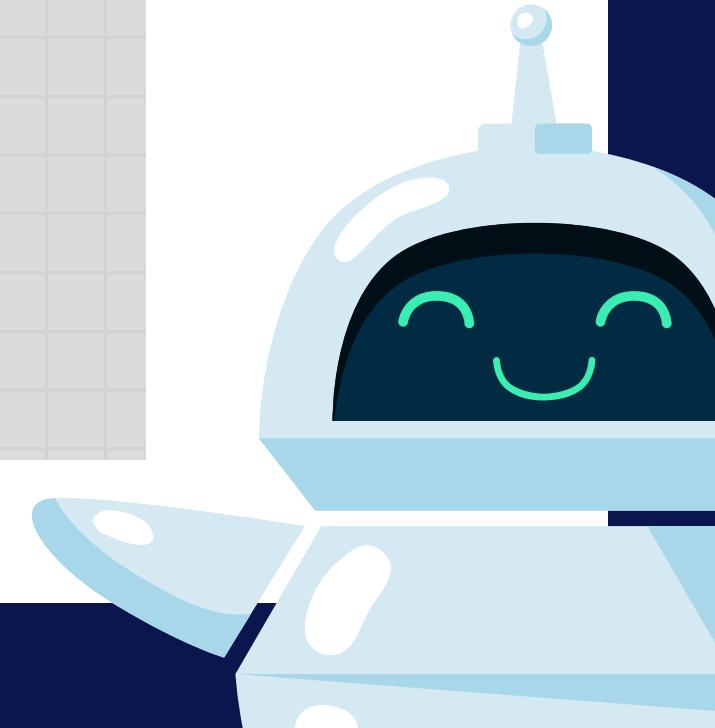
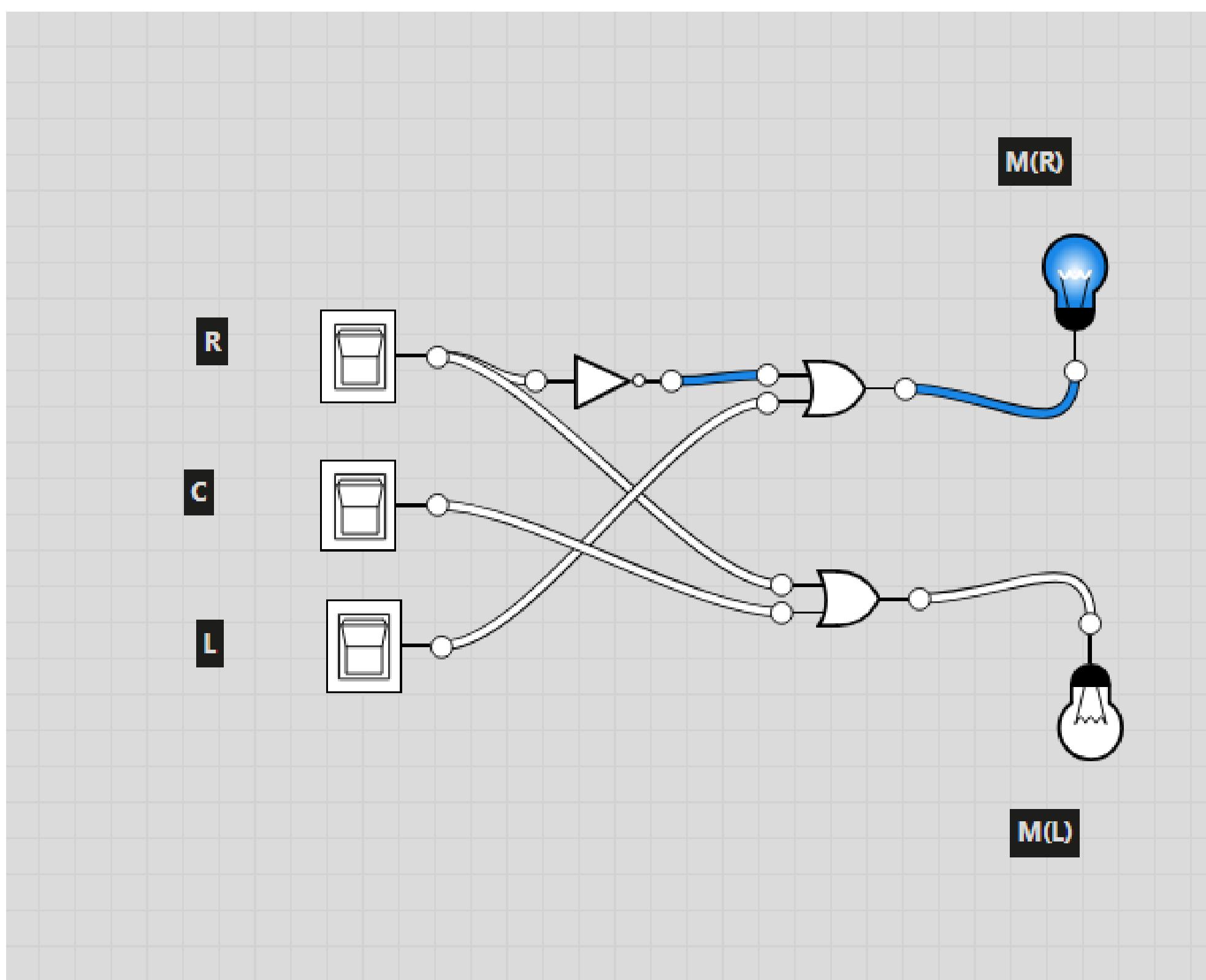
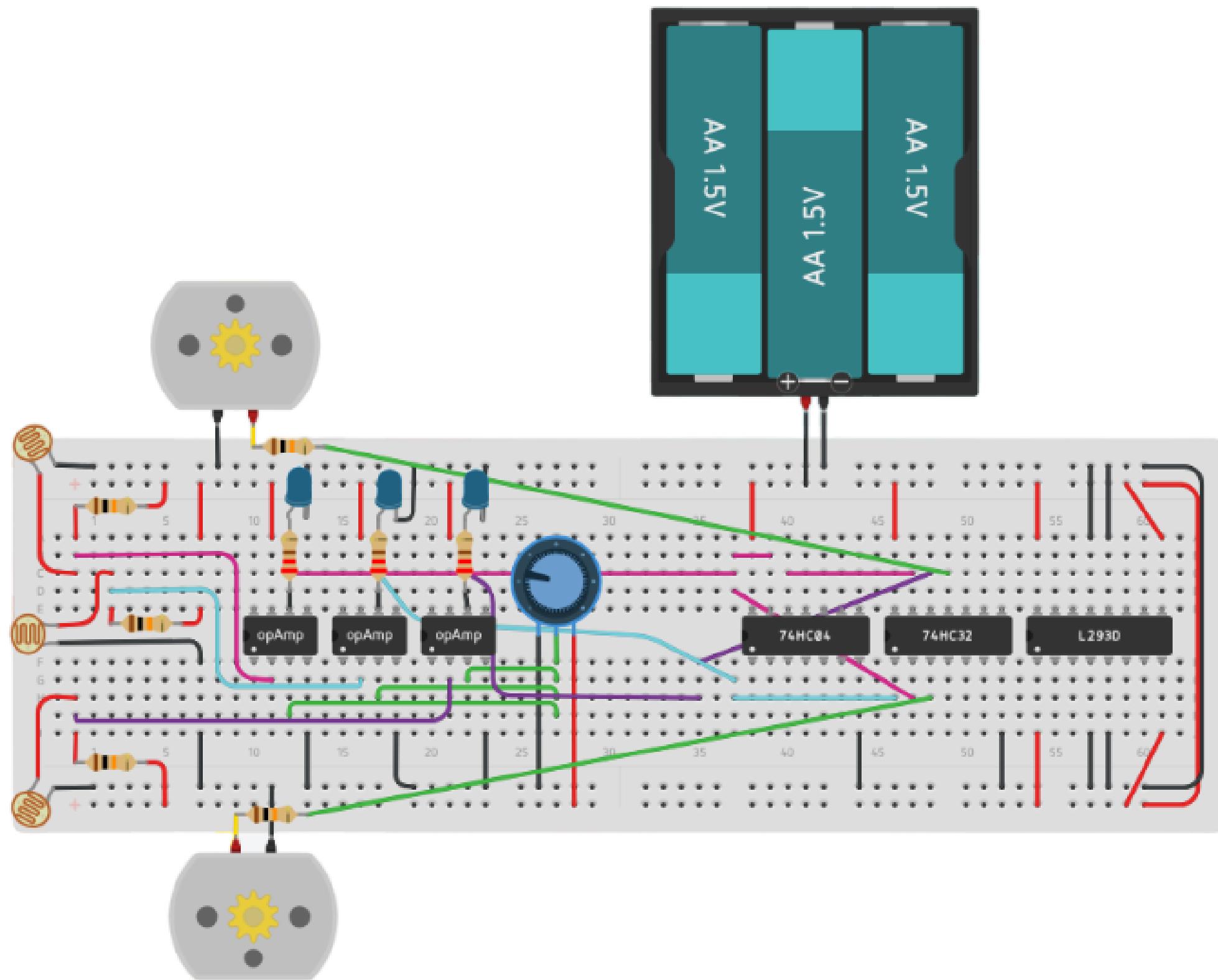
L293D



BOARD



TINKERCAD



Cost table

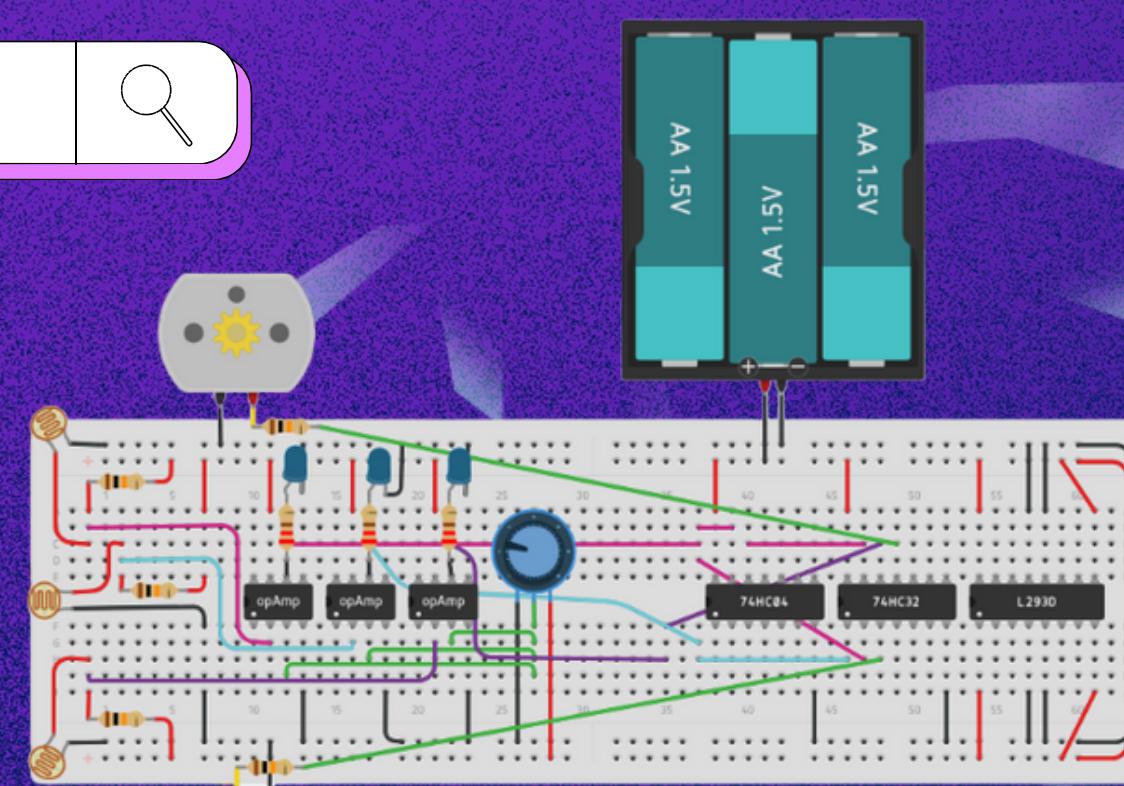
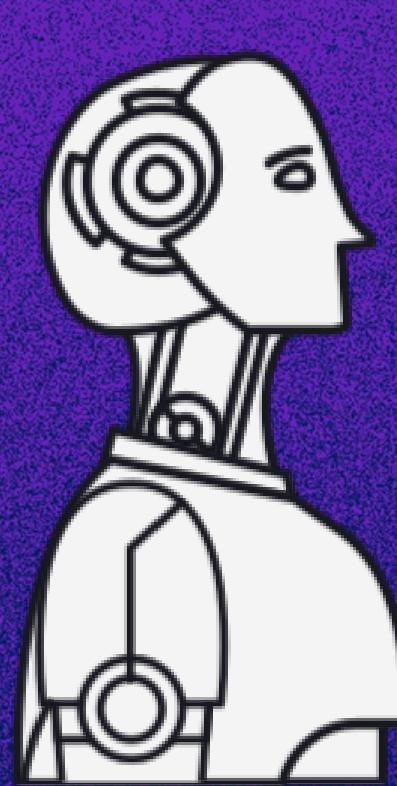
No.	Particulars	จำนวน	ราคา
1	LDR	3	3
2	RESISTOR 10K 220R 4.7K	6 3 2	0.6 0.3 0.2
3	VARIABLE RESISTOR 10K	3	12
4	opAmp741	3	15
5	LED	3	4.2
6	74HC32	1	10
7	74HC04	1	10
8	L293D	1	12
9	NOMALBOARD 400 PIN	2	48
10	JUMPER ELECTRIC WIRE	1	25
11	AA SLOT	1	12

Cost total : 152.3

คงเหลือ : 147.7

LIGHT TRACKING CAR

Tinkercad

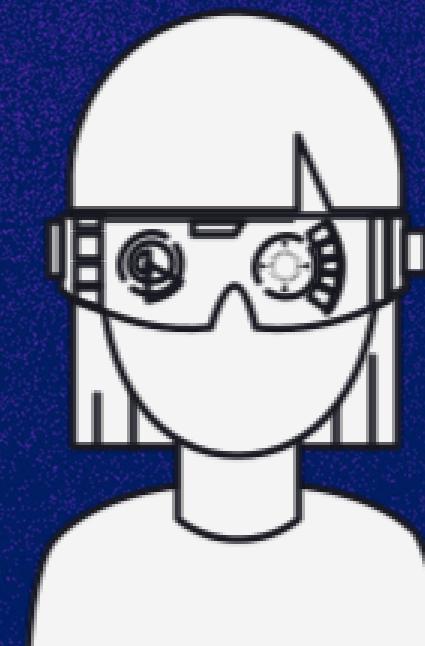


Truth Table

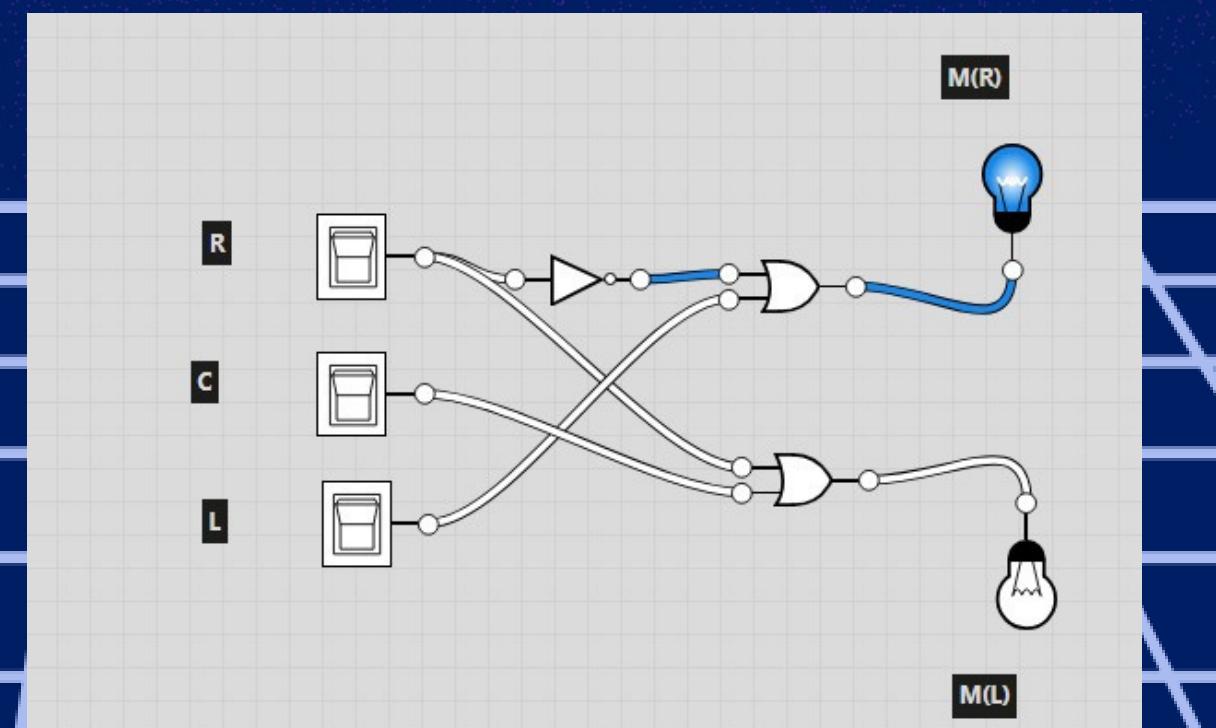
L	C	R	M(R)	M(L)
0	0	0	0	1
0	0	1	1	0
0	1	0	1	1
0	1	1	1	0
1	0	0	0	1
1	0	1	1	1
1	1	0	1	1
1	1	1	1	1

$M(R) = R' + L$

$M(L) = R + C$



Logically



CAR

