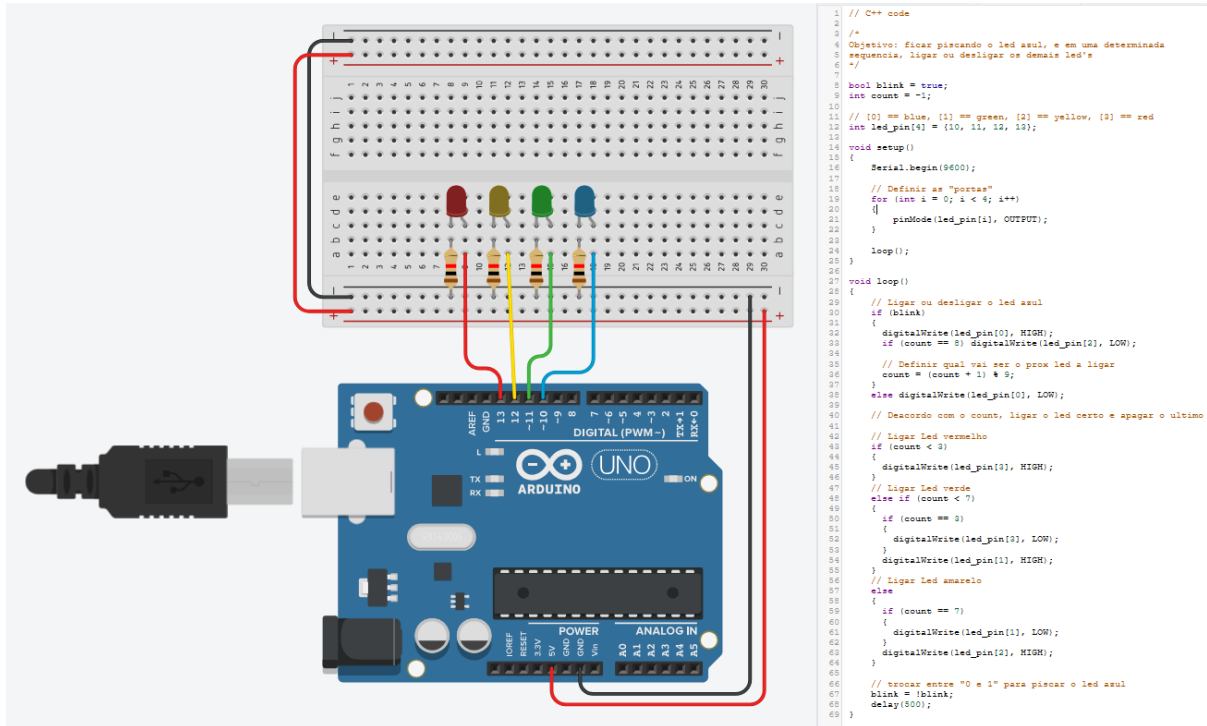


Exercício Prático 03

Aluno: Vitor de Meira Gomes

Matrícula: 800643

Parte 1



Parte 2

	Binário (A, B, Op.code)	Valor em Hexa (0X...)	Resultado em binario
AND(A, B)	0 1 00	0x04	0
OR(A, B)	1 0 01	0x09	1
SOMA(A, B)	1 0 11	0x0B	1
NOT(A)	0 0 10	0x02	1
AND(B, A)	0 1 00	0x04	0

Print dos testes da ULA:

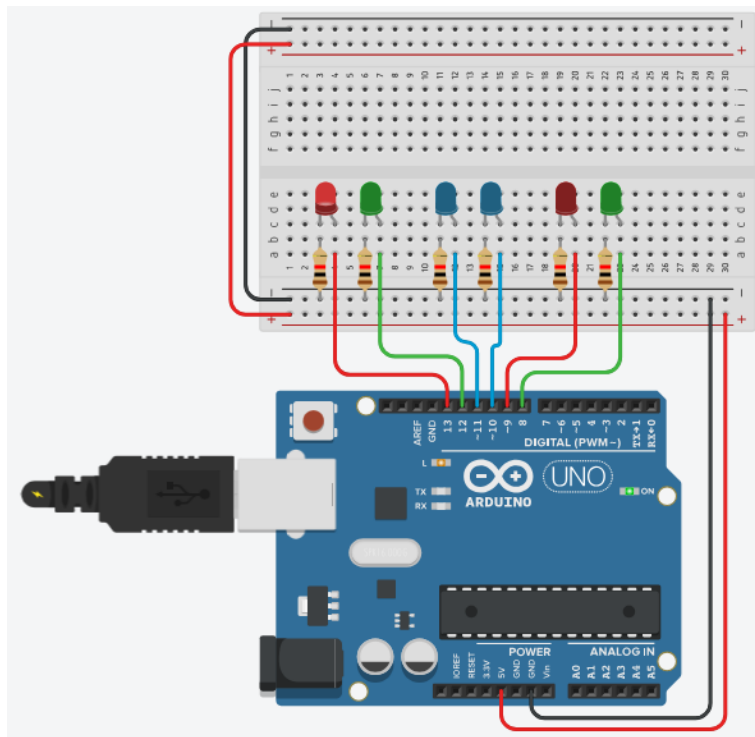
(Led Verde = Bit A / Led vermelho = Bit B / Led Azul = OP.code)

Inicio:

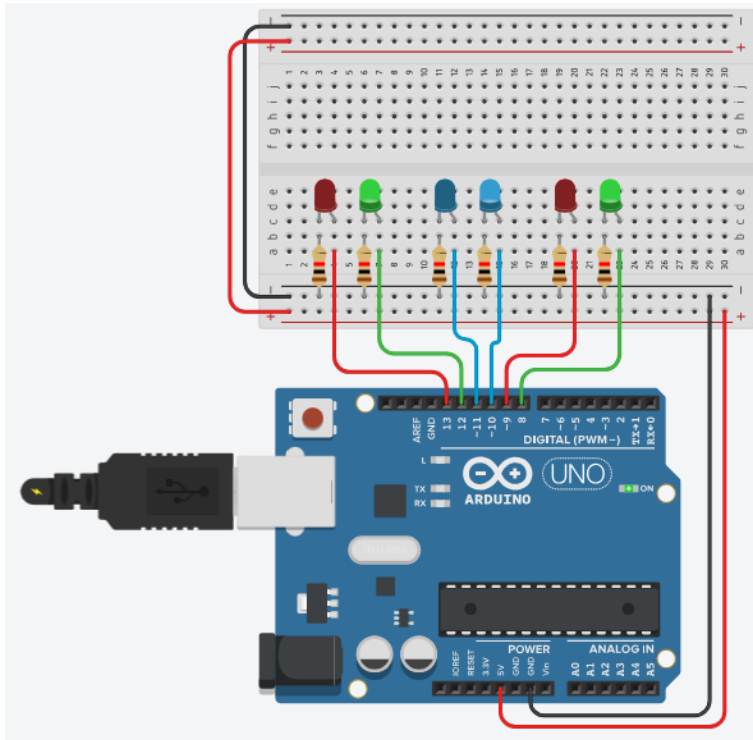
A=0; (ou A=0)

B=1; (ou B=1)

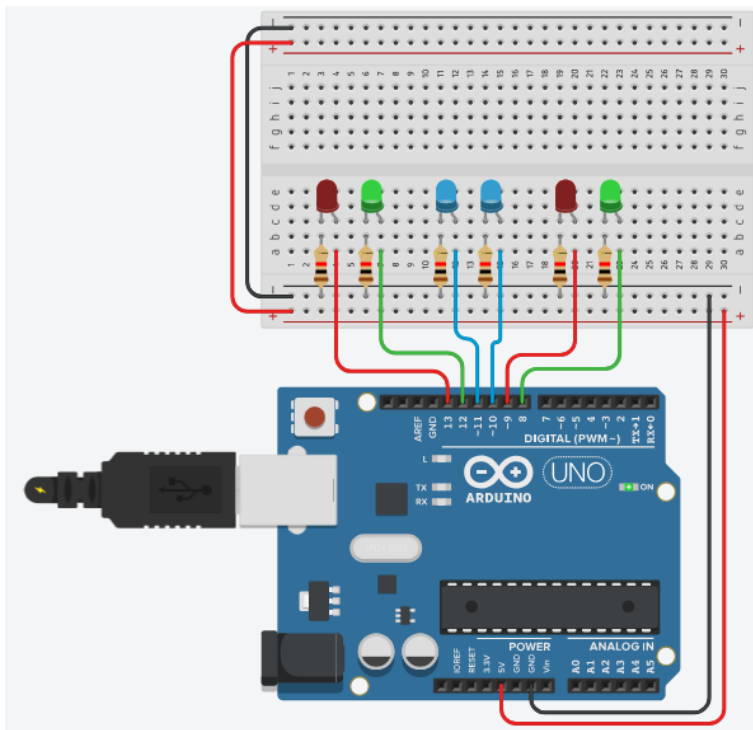
AND(A,B); (esta é a operação bit a bit entre A e B)



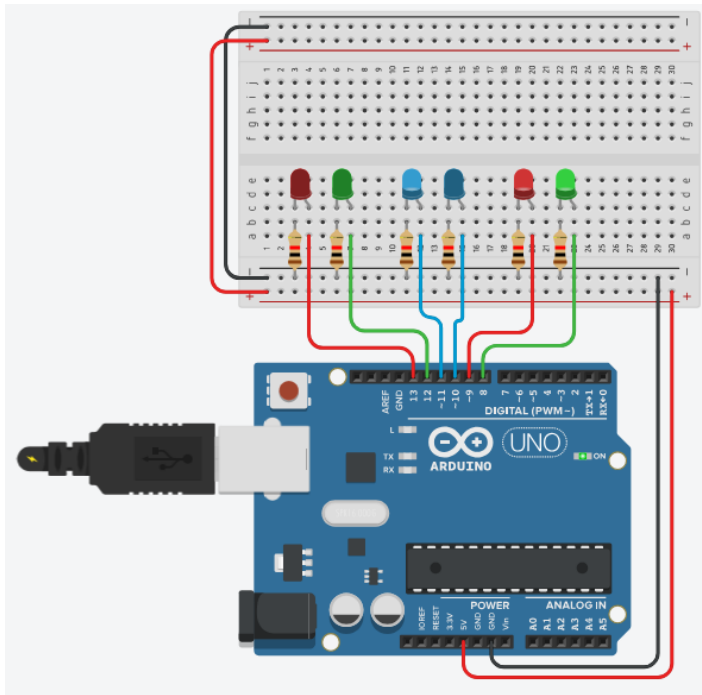
B=0; (ou B=0)
A=1; (ou A=1)
OR(A,B);



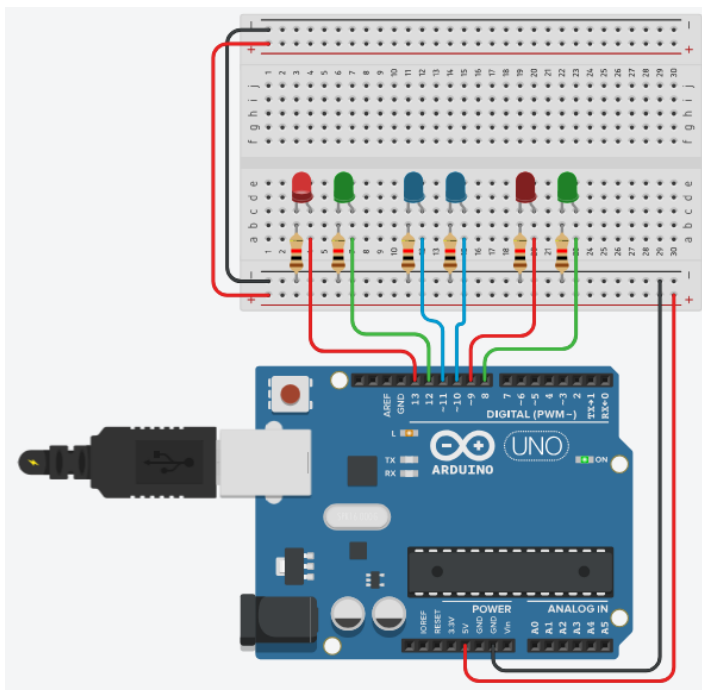
SOMA(A,B); (esta é a operação aritmética da soma entre A e B)



A=0; (ou A0)
NOT(A);



B=1; (ou B=1)
 AND(B,A);
 Fim.



Códigos: <https://www.tinkercad.com/things/3xdh4bnIPzh/editel?sharecode=73kjvmHEvzddb36UGSrZJ73nSMa43Bb6g2AvamRodg0>