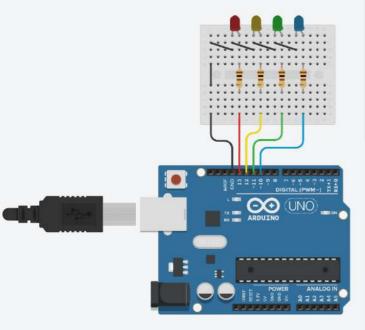


		4	
Instrução	Binário	Valor em Hexa	Resultado em
realizada	(A,B,Op.code)	(0x)	binário
AND(A,B)	0010 000 1 00	$(0000\ 1000\ 0100) = 0x084$	0000
OR(A,B)	0010 0011 01	$(0000 \ 1000 \ 1101) = 0x08d$	0011
SOMA(A,B)	0010 0011 11	$(0000 \ 1000 \ 1111) = 0x08f$	0101
NOT(A)	1100 00 11 10	(0011 0000 1110) = 0x30e	0011
AND(A,B)	1100 1101 00	$(0011\ 0011\ 0100) = 0x334$	1100

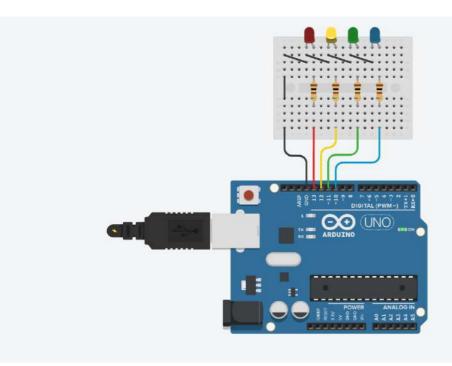


```
int pulse, led;

void setup()

pinMode(1e, OUTPUT);
pinMode(11, OUTPUT);
pinMode(12, OUTPUT);
pinMode(12, OUTPUT);
pinMode(12, OUTPUT);
pinMode(12, OUTPUT);
pinMode(12, OUTPUT);
pinMode(13, OUTPUT);
pinMode(14, OUTPUT);
pinMode(15, OUTPUT);
pinMode(16, OUTPUT);
pinMode(17, OUTPUT);
pinMode(18, OUTPUT);
```

Monitor serial

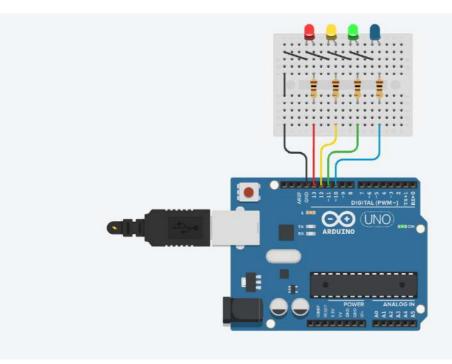


```
int entrada = 0,

A = 0,
B = 0,
OP = 0,
saida = 0,
vail = 0;

void setup()

Serial.begin(9680);
pinMode(10, OUTPUT);
pinMode(12, OUTPUT);
pinMode(12, OUTPUT);
digitalWrite(10, LOW);
digitalWrite(11, LOW);
digitalWrite(11, LOW);
digitalWrite(13, LOW);
digitalWrite(13, LOW);
digitalWrite(13, LOW);
digitalWrite(14, LOW);
digitalWrite(15, LOW);
digitalWrite(16, LOW);
digitalWrite(17, LOW);
digitalWrite(18, LOW);
d
```

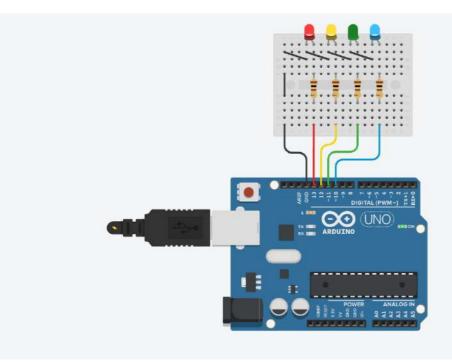


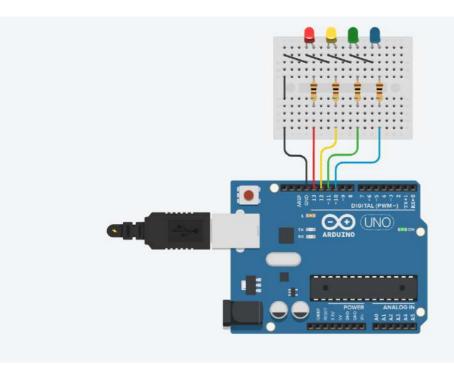
```
int entrada = 0,

A = 0,
B = 0,
OP = 0,
saida = 0,
vail = 0;

void setup()

Serial.begin(9680);
pinMode(10, OUTPUT);
pinMode(12, OUTPUT);
pinMode(12, OUTPUT);
digitalWrite(10, LOW);
digitalWrite(11, LOW);
digitalWrite(11, LOW);
digitalWrite(13, LOW);
digitalWrite(13, LOW);
digitalWrite(13, LOW);
digitalWrite(14, LOW);
digitalWrite(15, LOW);
digitalWrite(16, LOW);
digitalWrite(17, LOW);
digitalWrite(18, LOW);
d
```





```
int entrada = 0,

A = 0,
B = 0,
OP = 0,
saida = 0,
vail = 0;

void setup()

Serial.begin(9680);
pinMode(10, OUTPUT);
pinMode(12, OUTPUT);
pinMode(12, OUTPUT);
digitalWrite(10, LOW);
digitalWrite(11, LOW);
digitalWrite(11, LOW);
digitalWrite(13, LOW);
digitalWrite(13, LOW);

f (Serial.available() > 0)

f (entrada = Serial.parseInt();
A = (entrada / 100 % 10; // Centena
B = (entrada / 100 % 10; // Dezena
OP = entrada % 10;
vail = 0;
saida = portaand();
break;

Monitor serial

Monitor serial
```