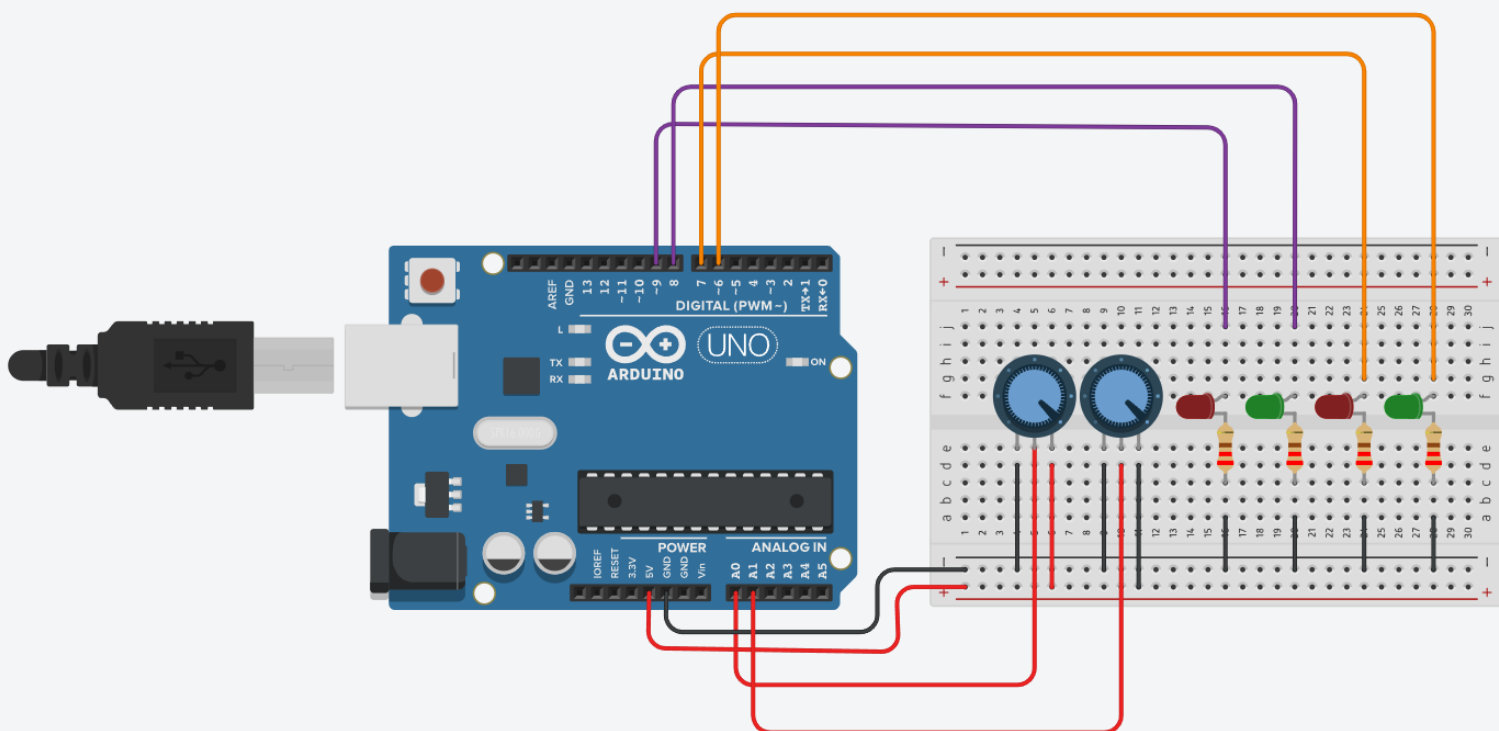


LABORATORIO 4:



```
1 #include <LiquidCrystal.h>
2 LiquidCrystal lcd(12,11,10,A1,A2,A3,A4);
3 // C++ code
4 //
5 void setup()
6 {
7     pinMode(9, OUTPUT);
8     pinMode(8, OUTPUT);
9     pinMode(7, OUTPUT);
10    pinMode(6, OUTPUT);
11    Serial.begin(9600);
12 }
13
14 void loop()
15 {
16     int tanque1 = analogRead(A0);
17     int tanque2 = analogRead(A1);
18     Serial.println(tanque1);
19     Serial.println(tanque2);
20     delay(100);
21     if(tanque2<=100 && tanque1>100 && tanque2>0){
22         digitalWrite(8, HIGH);
23         digitalWrite(9, LOW);
24         digitalWrite(7, HIGH);
25         digitalWrite(6, LOW);
26     }else if(tanque2>1000 && tanque2<1023 && tanque1>100){
27         digitalWrite(9, HIGH);
28         digitalWrite(8, LOW);
29         digitalWrite(7, LOW);
30         digitalWrite(6, HIGH);
31     }
32     if(tanque1==0 && tanque2==0){
33         digitalWrite(6, LOW);
34         digitalWrite(9, HIGH);
35         digitalWrite(7, HIGH);
36         digitalWrite(8, LOW);
37     }else if(tanque1>=1000 && tanque1<=1023){
38         if(tanque2>=1000 && tanque2<=1023){
39             digitalWrite(9, HIGH);
40             digitalWrite(7, HIGH);
41             digitalWrite(6, LOW);
42             digitalWrite(8, LOW);
43         }
44     }
45 }
```

Link: <https://www.tinkercad.com/things/1TCnBnm3KJ8-trabajo-grupal-diego-miguel-a-sebastian/editel?sharecode=RcKAfEBLOKQa2EyNxeZGyE1jpDxQN0VggkB2QFi7szU>