**CÓDIGO SEMÁFORO**

**// C++ code**

**//**

**void setup()**

**{**

**pinMode(10, OUTPUT);//verm1**

**pinMode(9, OUTPUT);//amar1**

**pinMode(8, OUTPUT);//verd1**

**pinMode(6, OUTPUT);//verm1**

**pinMode(5, OUTPUT);//amar2**

**pinMode(3, OUTPUT);//verd2**

**}**

**void loop()**

**{**

**digitalWrite(10, HIGH);**

**digitalWrite(9, LOW);**

**digitalWrite(8, LOW);**

**delay(1000); // Wait for 1000 millisecond(s)**

**digitalWrite(10, LOW);**

**digitalWrite(9, LOW);**

**digitalWrite(8, HIGH);**

**delay(1000); // Wait for 1000 millisecond(s)**

**digitalWrite(10, LOW);**

**digitalWrite(9, HIGH);**

**digitalWrite(8, LOW);**

**delay(1000); // Wait for 1000 millisecond(s)**

**digitalWrite(6, HIGH);**

**digitalWrite(5, LOW);**

**digitalWrite(3, LOW);**

**delay(1000); // Wait for 1000 millisecond(s)**

**digitalWrite(6, LOW);**

**digitalWrite(5, LOW);**

**digitalWrite(3, HIGH);**

**delay(1000); // Wait for 1000 millisecond(s)**

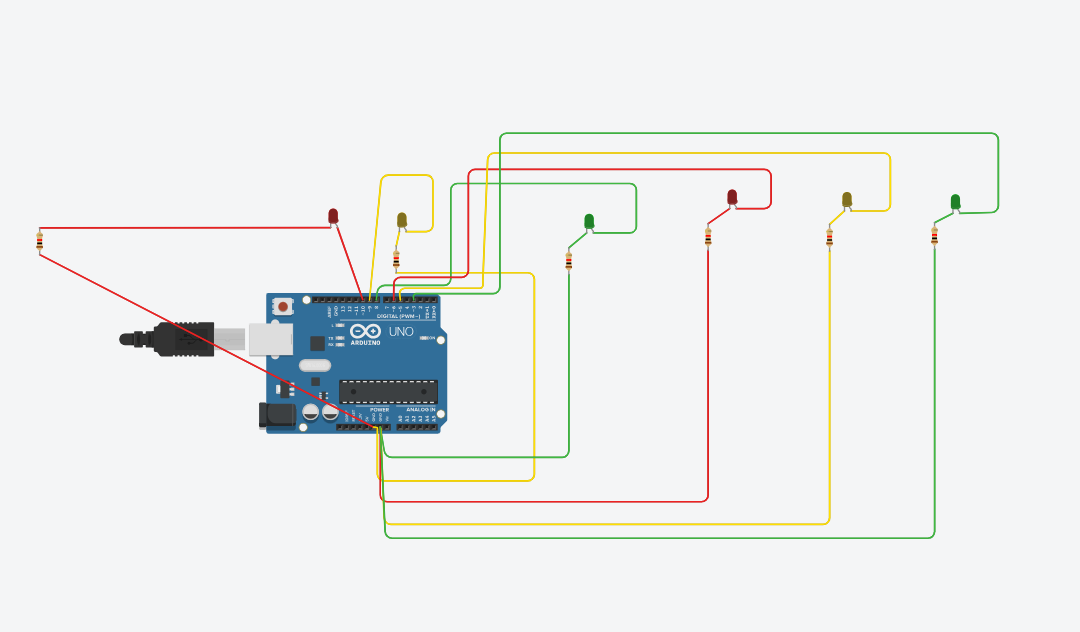
**digitalWrite(6, LOW);**

**digitalWrite(5, HIGH);**

**digitalWrite(3, LOW);**

**delay(1000); // Wait for 1000 millisecond(s)**

**}**

****