**RAFAELA DA SILVA SABINO** 

**MARIA EDUARDA VIANA PRESTES**

**ARDUÍNO VETOR SEMÁFORO SIMPLES + PEDESTRE**

int led[5];//DEFINIR QUANTOS LEDS TERA O CONJUNTO

void setup()

{

  led[0] = 13;//DEFINO QUAL LED VOU REFERENCIAR

  led[1] = 12;

  led[2] = 11;

  led[3] = 10;

  led[4] = 9;

  pinMode(led[0], OUTPUT);//DEFINO COMO O LED VAI SE COMPORTAR

  pinMode(led[1], OUTPUT);

  pinMode(led[2], OUTPUT);

  pinMode(led[3], OUTPUT);

  pinMode(led[4], OUTPUT);

}

  void loop()

{

  digitalWrite(led[0], LOW);//REALIZO AÇÃO DO LED

  digitalWrite(led[1], LOW);

  digitalWrite(led[2], HIGH);

  digitalWrite(led[3], HIGH);

  digitalWrite(led[4], LOW);

  delay(5000);

  digitalWrite(led[0], LOW);

  digitalWrite(led[1], HIGH);

  digitalWrite(led[2], LOW);

  digitalWrite(led[3], HIGH);

  digitalWrite(led[4], LOW);

  delay(5000);

  digitalWrite(led[0], HIGH);

  digitalWrite(led[1], LOW);

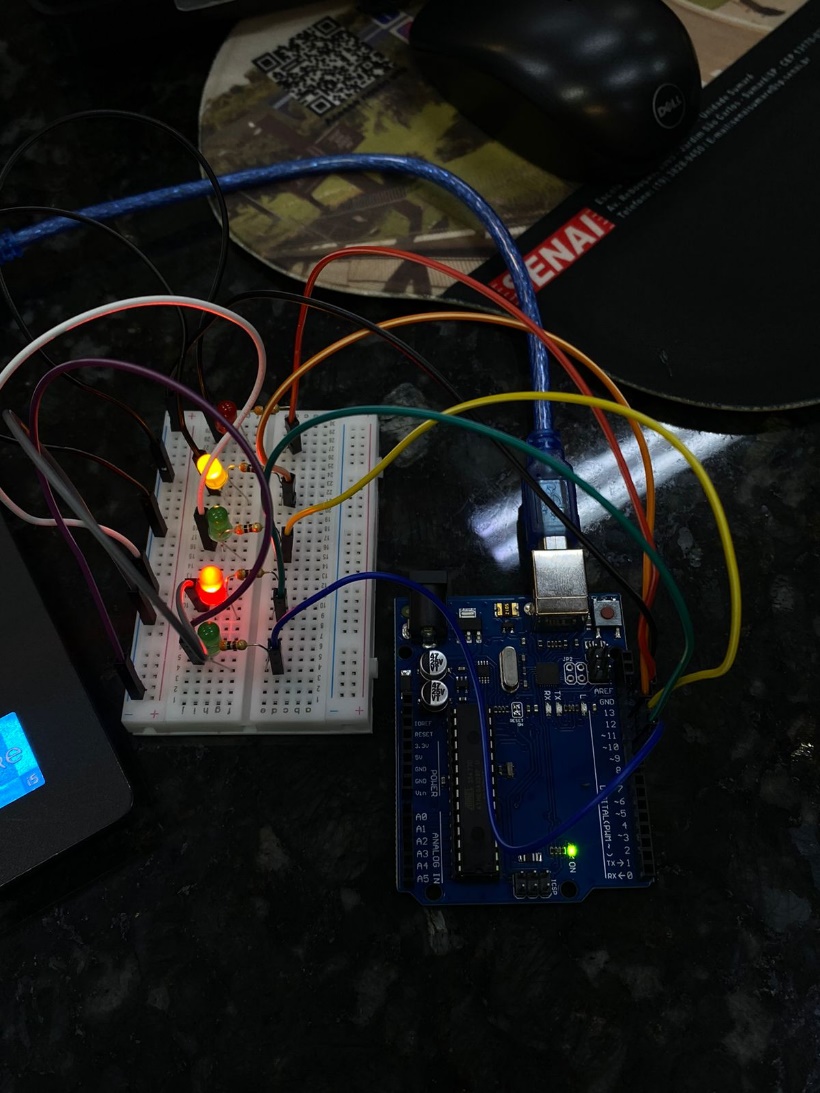
  digitalWrite(led[2], LOW);

  digitalWrite(led[3], LOW);

  digitalWrite(led[4], HIGH);

  delay(5000);

  }

****