

Campus Quissamã

Curso Integrado Informática

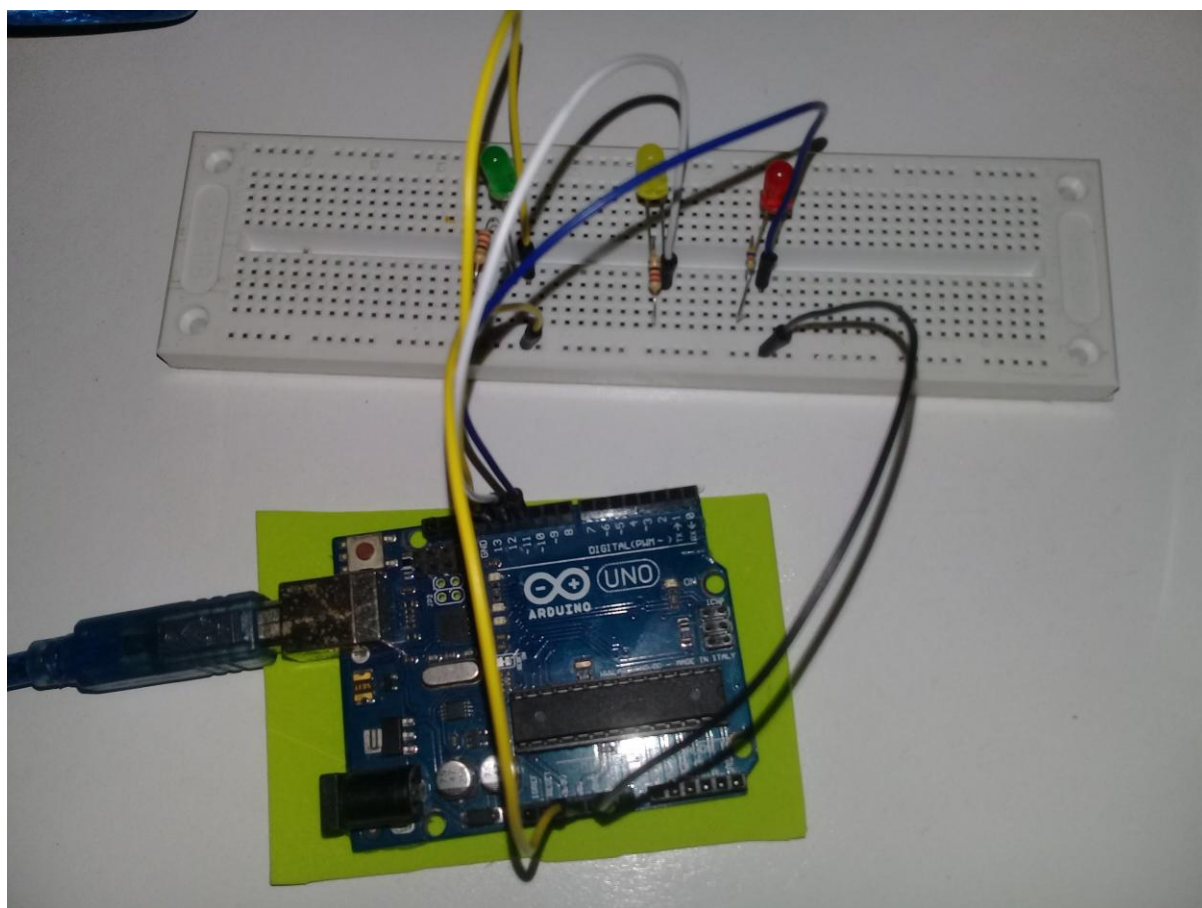
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Turma: 2º ano informática

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Arduino Semáforo



Código

```
int animationSpeed = 0;
```

```
void setup()
```

```
{  
  pinMode(13, OUTPUT);  
  pinMode(12, OUTPUT);  
  pinMode(11, OUTPUT);  
}
```

```
void loop()
{
  animationSpeed = 400;
  digitalWrite(13, HIGH);
  delay(animationSpeed);
  digitalWrite(13, LOW);
  delay(animationSpeed);
  digitalWrite(12, HIGH);
  delay(animationSpeed);
  digitalWrite(12, LOW);
  delay(animationSpeed);
  digitalWrite(11, HIGH);
  delay(animationSpeed);
  digitalWrite(11, LOW);
  delay(animationSpeed);
}
```

Lista de Componentes

Arduino

Cabo

5 Jumpers

3 LED (Verde, Amarelo, Vermelho)

3 Resistores (ohm 220)