

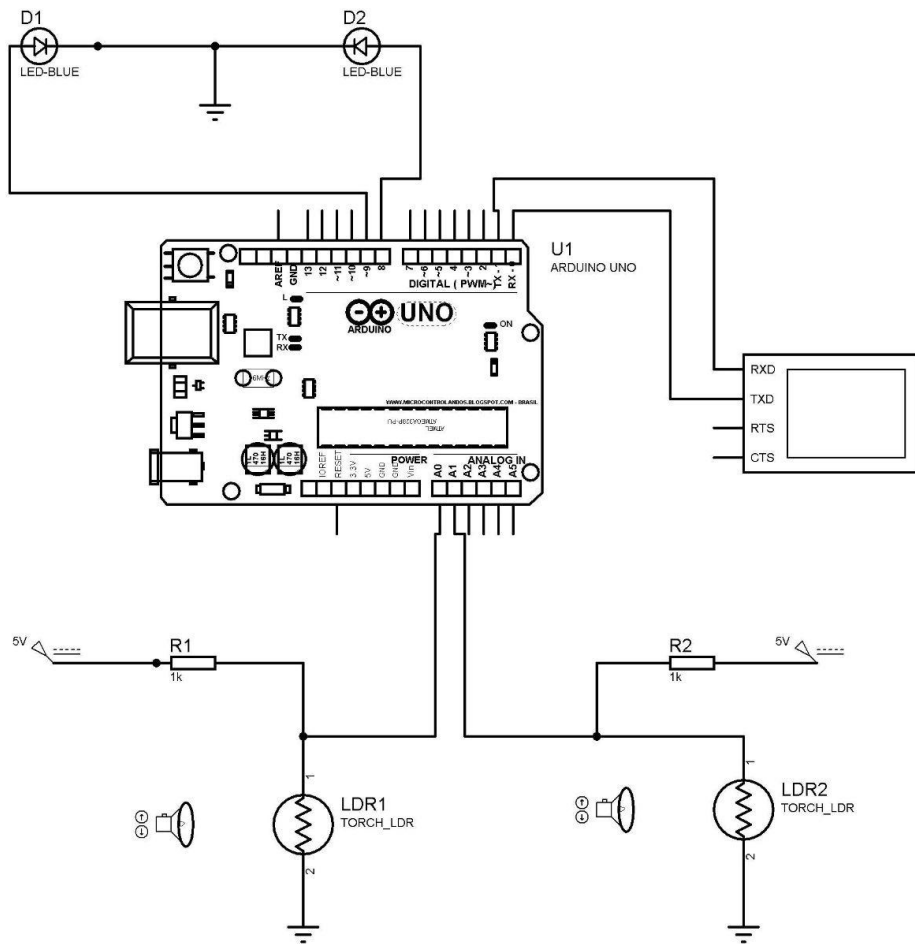


Lab Report (Grouped)
Microprocessor and Microcontroller lab
Group: 3 | Section: D

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Diagram:



Code:

```
void setup()
{
  Serial.begin(9600);
  pinMode(8, OUTPUT);
  pinMode(9, OUTPUT);
}

void loop()
{
  int LDR1 = analogRead(A0);
  int LDR2 = analogRead(A1);

  if(LDR1==LDR2){ //Equal
    digitalWrite(8, LOW);
    digitalWrite(9, LOW);
    Serial.println(LDR1);
    delay(50);
  }else if(LDR1<LDR2){ // AntiClock wise Activated.
    digitalWrite(9, HIGH);
    Serial.println(LDR1);
    delay(50);
  }else { // Clock wise Activated.
    digitalWrite(8, HIGH);
    Serial.println(LDR2);
    delay(50);
  }
}
```