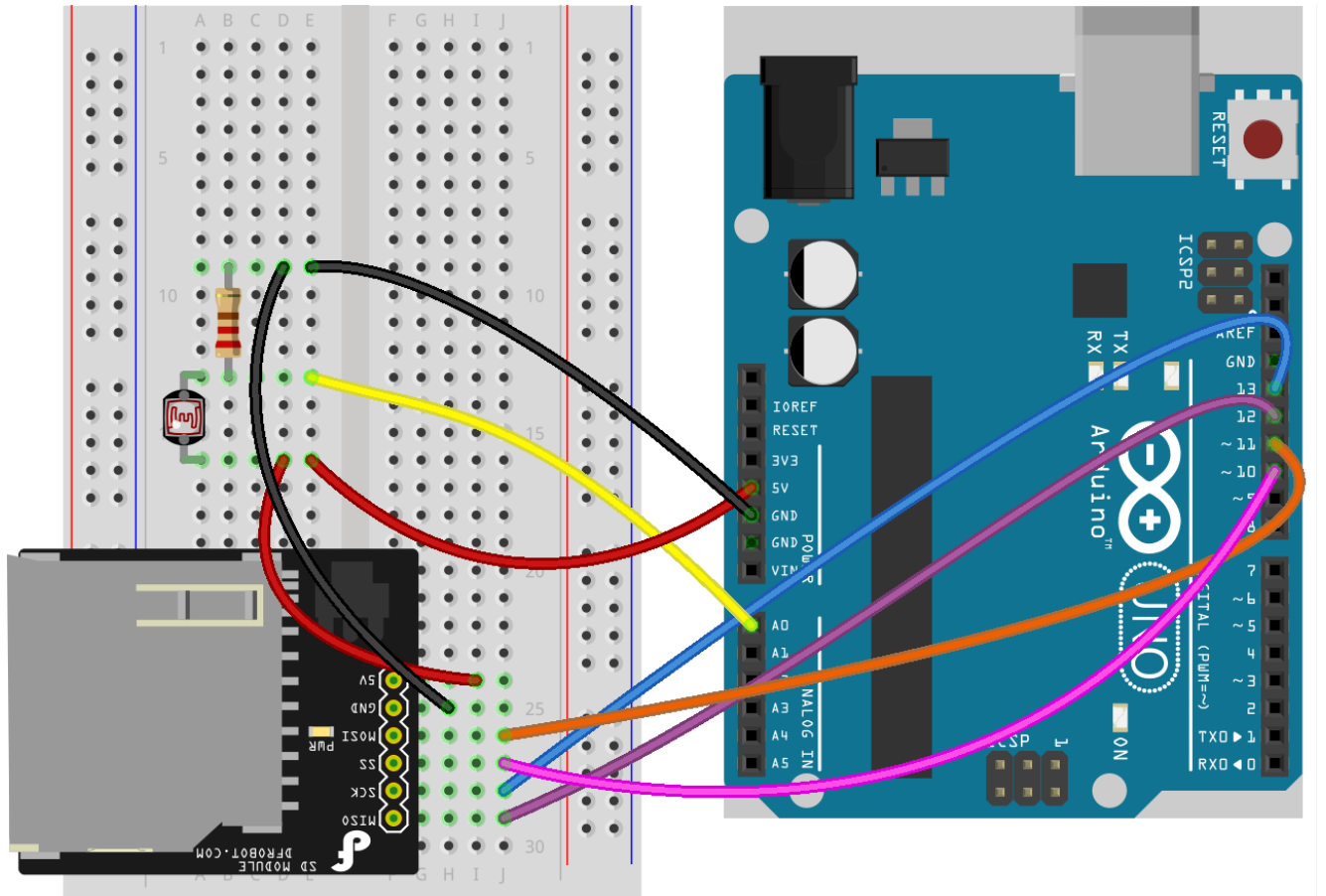


PSC 103 - Spring 2018 - Arduino Weather Station Lab

Light: Wiring with SD-Card



fritzing

(For code, see next page.)

Light: Code

```
#include <SD.h>

void setup()
{
  Serial.begin(9600);
  pinMode(10, OUTPUT);
  SD.begin(10);
  SD.remove("data.csv");
}

void loop()
{
  float L;
  unsigned long t;
  File out;

  L = analogRead(A0) * 5.0 / 1024;
  Serial.println(L);
  delay(1000);

  t = millis();
  out = SD.open("data.csv", FILE_WRITE);
  out.print(t);
  out.print(",");
  out.println(L);
  out.close();
}
```