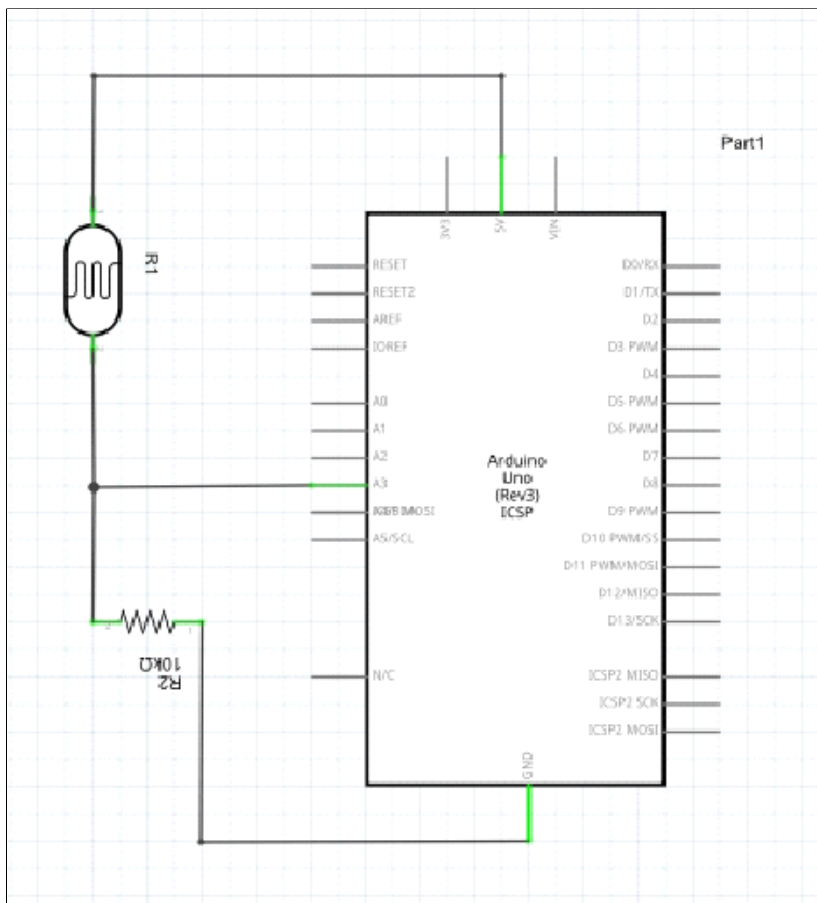
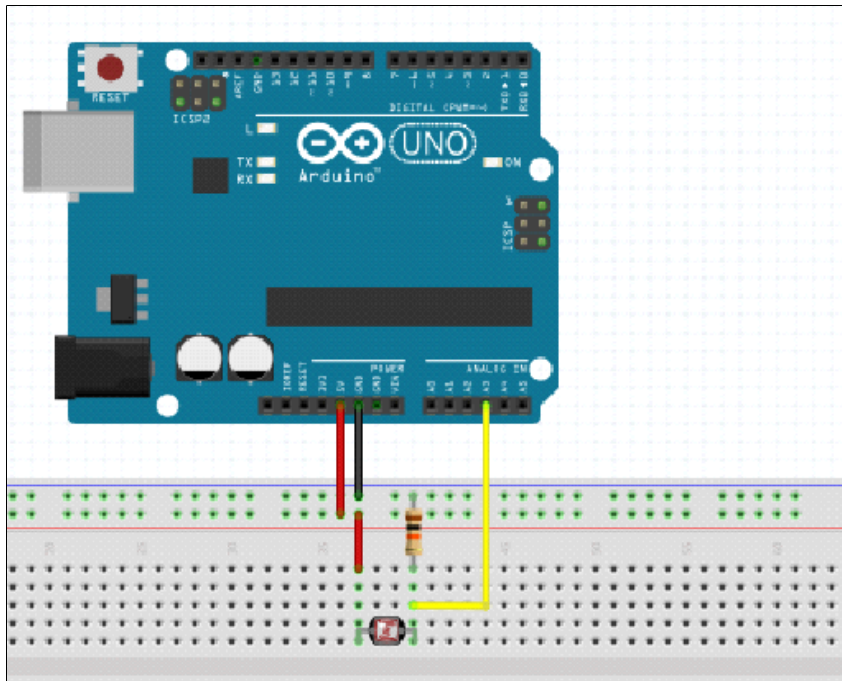


## LDR (light dependent resistor)

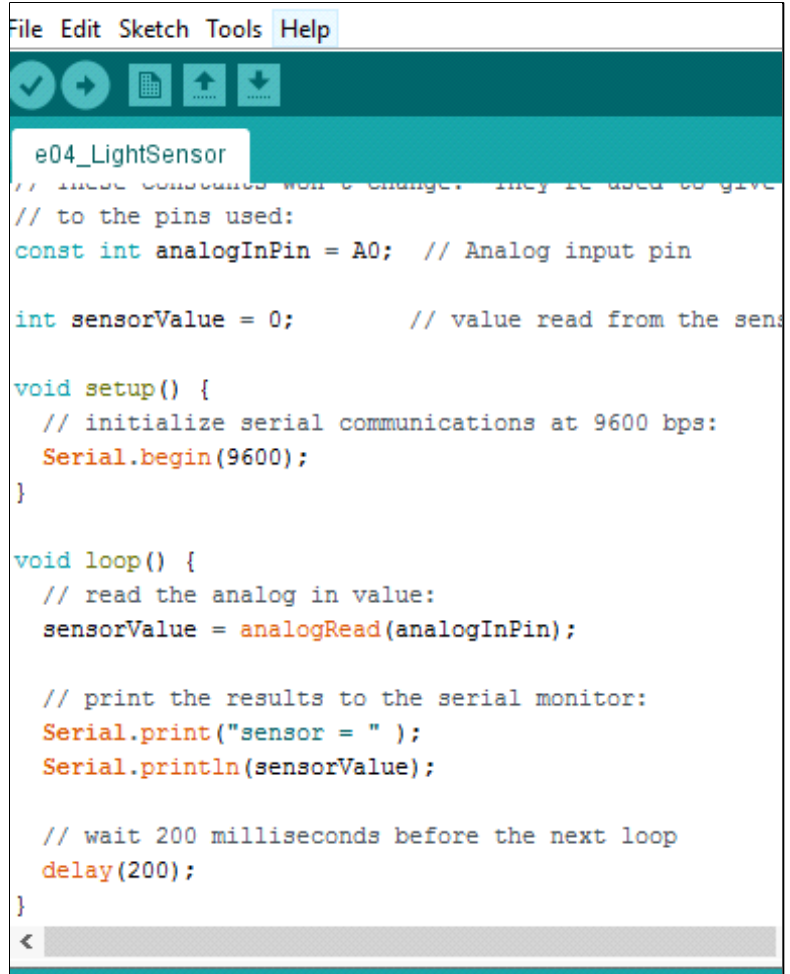
Schematic:



on Arduino :



code :



The screenshot shows the Arduino IDE interface. At the top is a menu bar with 'File', 'Edit', 'Sketch', 'Tools', and 'Help'. Below the menu bar is a toolbar with icons for checking, running, uploading, and downloading. The main text area displays the following C++ code for a sketch named 'e04\_LightSensor':

```
// These constants won't change. They're used to give
// to the pins used:
const int analogInPin = A0; // Analog input pin

int sensorValue = 0;        // value read from the sensor

void setup() {
  // initialize serial communications at 9600 bps:
  Serial.begin(9600);
}

void loop() {
  // read the analog in value:
  sensorValue = analogRead(analogInPin);

  // print the results to the serial monitor:
  Serial.print("sensor = ");
  Serial.println(sensorValue);

  // wait 200 milliseconds before the next loop
  delay(200);
}
```

A horizontal scrollbar is visible at the bottom of the code editor.