Preparation for remote Arduino Classes

You can attend this class and watch without following along with your own Arduino at home, but for the best learning experience, it's better to have your own Arduino and see it work for yourself.

- Please install the Arduino IDE onto your computer
  - https://www.arduino.cc/en/Main/Software
- 1 Arduino Uno or compatible. Any 5v Arduino will work but the examples in the class use the Uno. Make sure you have a matching USB cable.
  - https://store.arduino.cc/usa/arduino-uno-rev3
  - https://www.amazon.com/Arduino-A000066-ARDUINO-UNO-R3/
  - https://www.adafruit.com/product/2488
- 1 breadboard. They're handy so buying more is OK
  - https://www.amazon.com/Breadboard-Solderless-Prototype-PCB-Board/dp/B077DN2PS1
  - https://www.adafruit.com/product/239
- Dupont Jumper wires, male to male. You only need 4 but these are also very handy
  - https://www.amazon.com/EDGELEC-Breadboard-Optional-Assorted-Multicolored/dp/B07GD25V8D
  - https://www.adafruit.com/product/760
- A small breadboard compatible momentary switch
  - https://www.amazon.com/QTEATAK-Momentary-Tactile-Button-Switch/dp/B07VSNN9S2
  - https://www.adafruit.com/product/367
- A 10K resistor, or any value near there. You can't buy 1 so I recommend getting a variety pack rather than a large pack of the same value
  - https://www.amazon.com/Resistor-Assortment-Kit-Thermistor-Photoresistor/dp/B0792M83JH * This kit also includes LEDs and the required photoresistor
  - https://www.adafruit.com/product/2784
- A photoresistor. Almost any one will do, but the larger the more sensitive in general
  - https://www.amazon.com/eBoot-Photoresistor-Sensitive-Resistor-Dependent/dp/B01N7V536K
  - https://www.adafruit.com/product/161

You can also buy all of this in a kit with lots of other stuff

- https://www.amazon.com/ELEGOO-Project-Tutorial-Controller-Projects/dp/B01D8KOZF4
- https://www.amazon.com/ELEGOO-Starter-Tutorial-Compatible-Official/dp/B01DGD2GAO