

Understanding Stuff

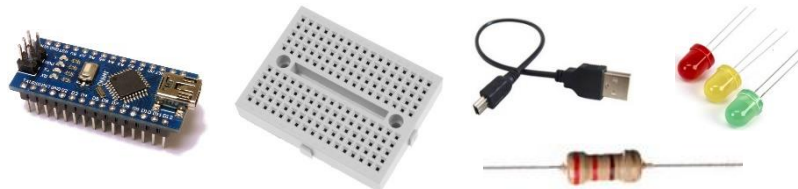
LED Project

Aim

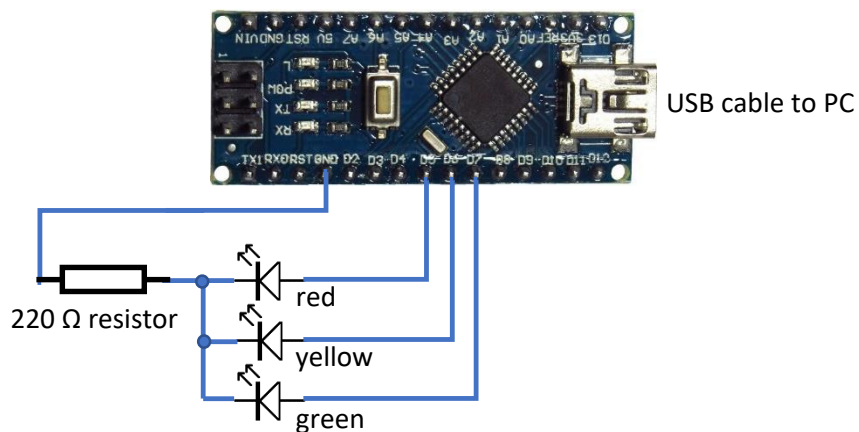
Control 3 LEDs using an Arduino Nano controller.

Components

- Arduino Nano
- Breadboard
- USB cable
- LEDs (3)
- Resistor (220 Ω)



Circuit



Code

Start with the example code in the Arduino IDE (integrated development environment):

File → Open → examples → 01.Basics → Blink → Blink.ino

then modify it to handle the 3 LEDs with their corresponding Arduino pins.

Task

Try changing the code to alter:

- The timing of the LED flashing
- The order that LEDs flash
- Pausing between cycles