Introduction to Arduino
Arduino?

Arduino is a popular company that manufactures Single-Board microcontrollers.

Microcontroller attached to a printed circuit board (PCB)

Very useful for prototyping electronics
Reliably controlling electronic elements with programmable logic

Use cases:

- Controls actuators on openDog (open source robot dog)
- Laser tag
- LED lighting
Basics

Start off by lighting up an LED

Wire everything up correctly

Write our program