Arduino Input and Output

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Today we'll be covering:

- Analog Input
- PWM
- LED brightness
- Servos
- Transistors
Analog Input
Simple Sensors
Create a time averaged analog value by pulsing a digital value
25% duty cycle: average 1.25V

50% duty cycle: average 2.5V

75% duty cycle: average 3.75V
LED brightness
Servos

Pin10
5V

orange
red
brown

GND
What are transistors?
NPN Transistor switch