Sensing

Day 2

Digital Sensing

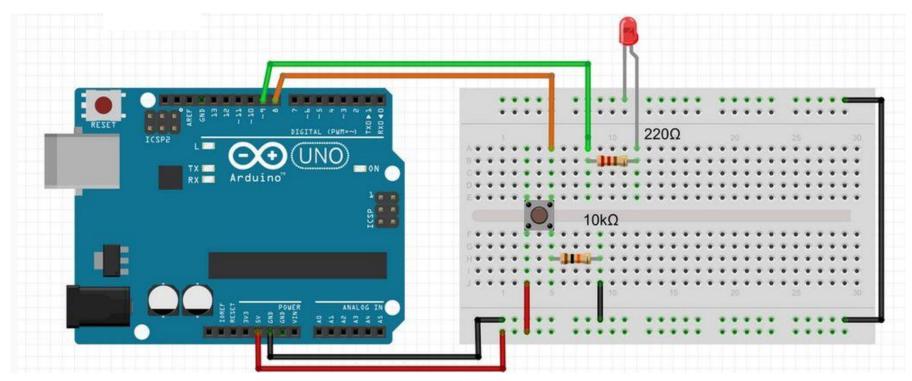
pinMode(pinNumber, mode)

INPUT/OUTPUT

digitalRead(pinNumber)

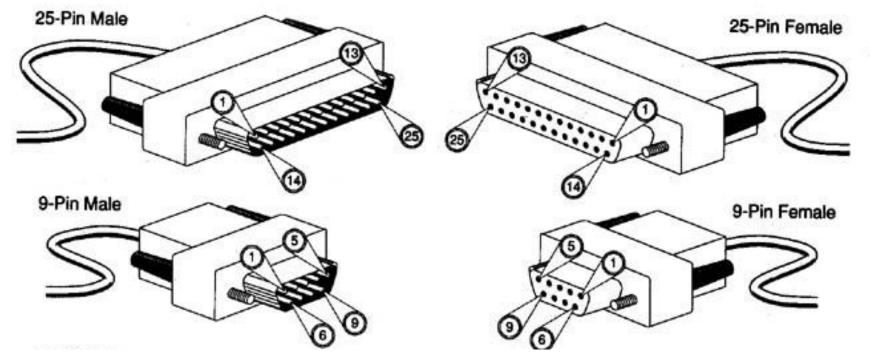
HIGH / LOW

Pushbutton Circuit



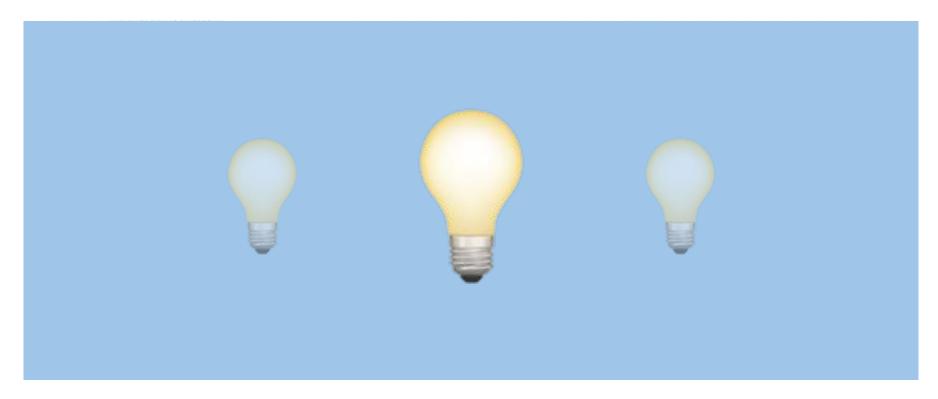
https://www.arduino.cc/en/tutorial/pushbutton

Serial Communication



https://www.arduino.cc/reference/en/language/functions/communication/serial/println/

Coding Challenge nr 2

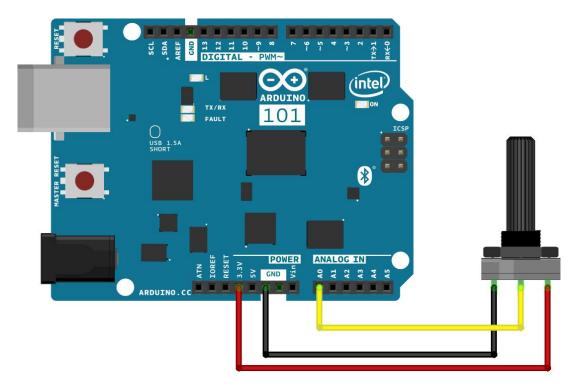


Analog Sensing

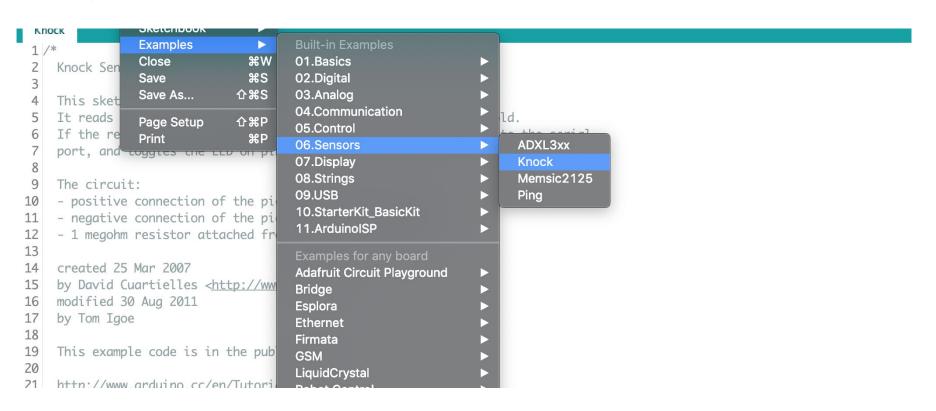
analogRead(pinNumber)

No need for pinMode 0 - 1023 Use analog pins

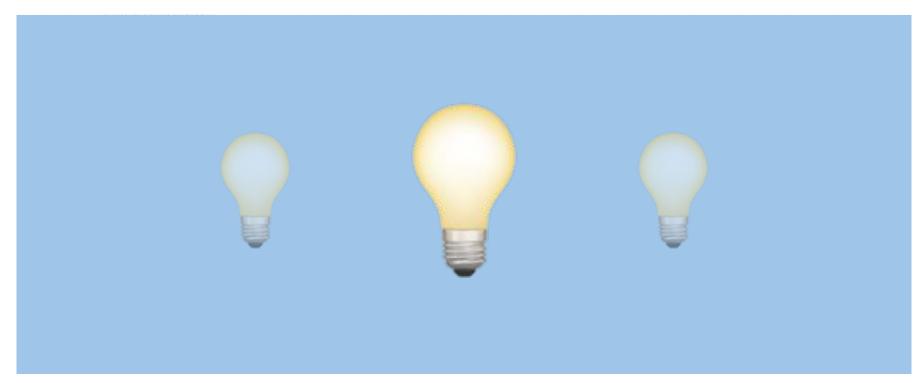
Potentiometer Circuit



Knock Sensor



Coding Challenge nr 3



Use the knock as a switch and the potentiometer as a dimmer

Coding Challenge

