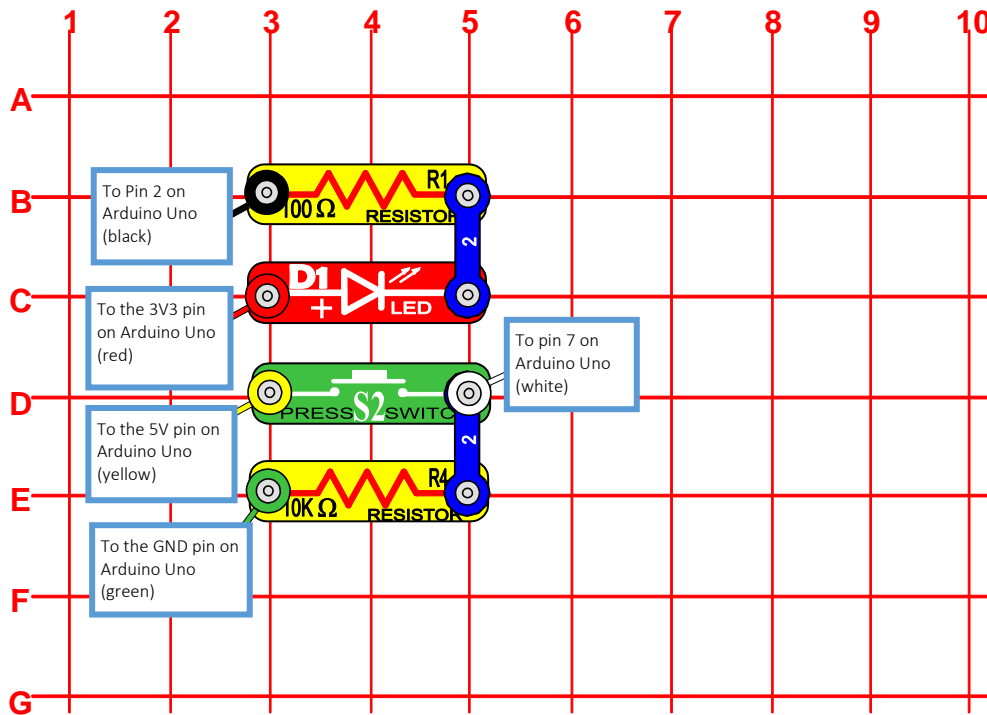


Push Button Monitor



OBJECTIVE: To show how to use an Arduino sketch to monitor a push button.

Parts List

Quantity	ID	Name	Part #
1		2-snap wire	6SC02
1	S2	Switch	6SCS2
1	R4	10K Ω Resistor	6SCR4
3		Snap-to-Pin wire (yellow, green and white)	SCJW10

Step by Step Guide

- 1) Add these components to the circuit from Project #1
- 2) Snap component **S2** between position **D3** and **D5**
- 3) Snap component **R4** between **C3** and **C5**
- 4) Snap a 2 snap wire over the components between **D5** and **E5**
- 5) Connect the snap end of a **yellow** wire onto the component at position **D3**
- 6) Plug the male pin end of the **yellow** wire from step 4 into the **5V** pin on the Arduino Uno board
- 7) Connect the snap end of a **green** wire onto the component at position **E3**
- 8) Plug the bread board end of the **green** wire from step 6 into the **GND** pin on the Arduino Uno board
- 9) Connect the snap end of a **white** wire onto the component at position **D5**
- 10) Plug the bread board end of the **white** wire from step 6 into the **Pin 7** pin on the Arduino Uno board
- 11) Open the sketch for Push Button Monitor in the Arduino IDE and upload it to the board. Push the button and release a few times to see what happens.