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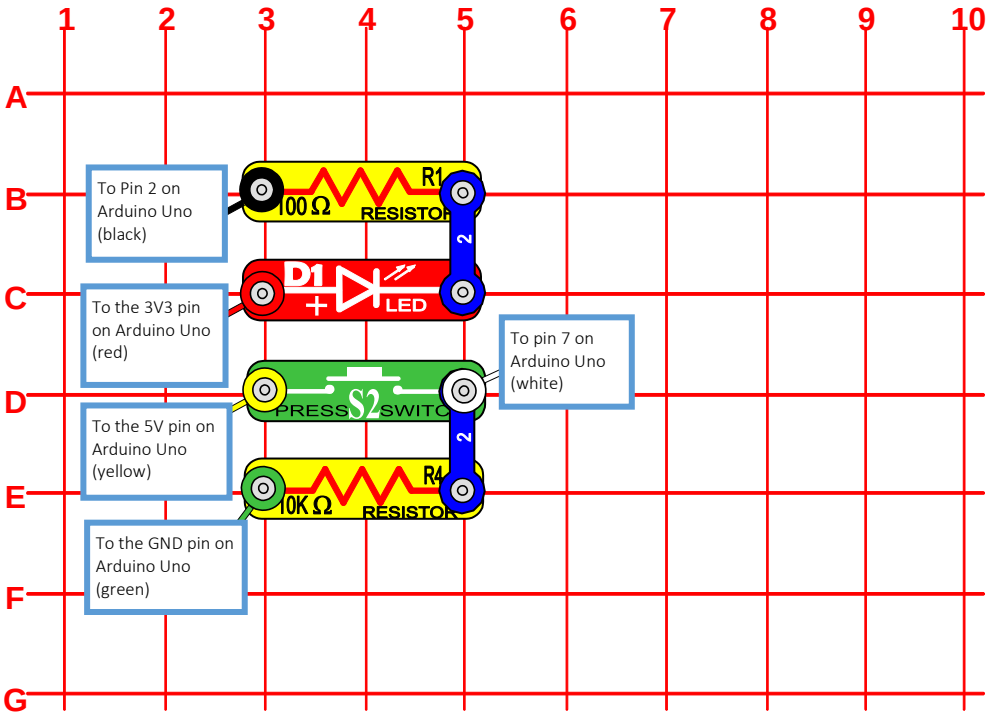
Project #2

Push Button Monitor



OBJECTIVE #2: 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 green wire onto the component at position **E3**
10) Plug the bread board end of the white wire from step 6 into the **GND** pin on the Arduino Uno board
11) Open the sketch for Project #2 in the Arduino IDE and upload it to the board. Push the button and release a few times to see what happens.