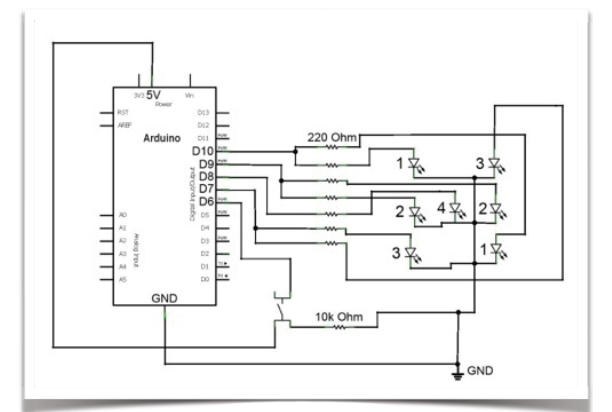
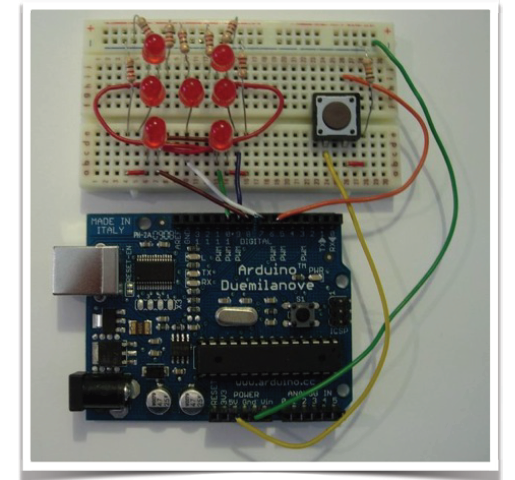
1 Make sure you have mastered the LED Blink exercise before starting this exercise.

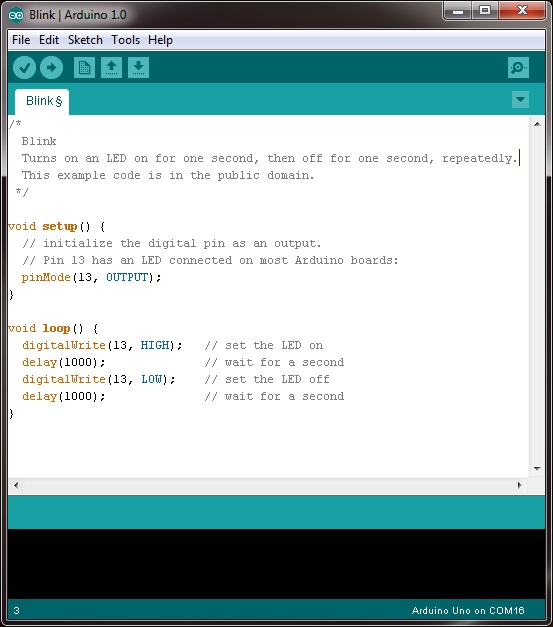
2 We are going to make this circuit using Resistors, LED’s in the shape of an “H”, a Switch and a Breadboard, wired up to an Arduino



3 Continue to build out the circuit until you use all the components.

4 Now review the code/Sketch (LEDDice.ino) that control the LED’s. Review the code for the Pins Outs that matches the Breadboard Wiring, the detection of the button press, the use of a random number generator to decide which LED to light up and the initialization and de-initialization code!

Don’t Forget! - the LED’s need to be positioned with the longer leg (Anode) on the + side of the circuit.

[](http://www.google.ie/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=0ahUKEwjLh67iwqLJAhXHvRQKHaV5By8QjRwIBw&url=http://www.robotshop.com/blog/en/arduino-5-minute-tutorials-lesson-2-basic-code-blink-led-2-3639&psig=AFQjCNEjiMS-wScYgIHYY1tOAIgmjlbwoA&ust=1448229854832405)

What you could try next:

1. Vary the time interval for the
2. Create a Loop to light up the dice from 1 to 6 when pressing the button