**Build a Led controller**

**搭建LED控制器**

Use a button to turn on and off LEDs and also a potentiometer to control the brightness of LEDs.

使用按钮控制点亮和熄灭LED，并使用一个滑动变阻器去控制LED的亮度

Practice with those following functions:

练习并使用如下function

[digitalRead（）;](http://www.arduino.cc/en/Reference/DigitalRead)

[digitalWrite（）;](http://www.arduino.cc/en/Reference/DigitalWrite)

[analogRead（）;](http://www.arduino.cc/en/Reference/AnalogRead)

[analogWrite();](http://www.arduino.cc/en/Reference/AnalogWrite)