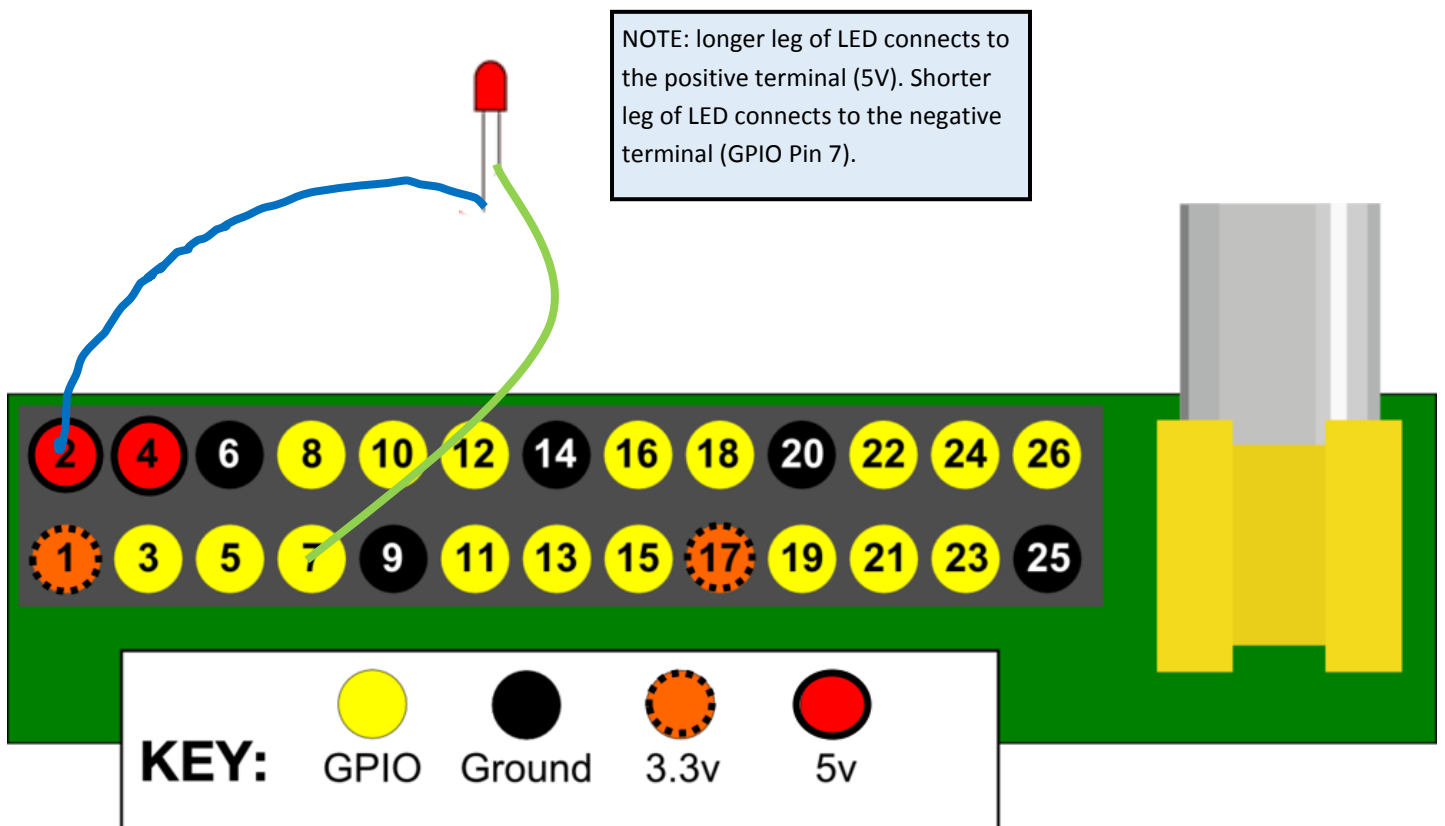


Scratch on the Raspberry Pi's– Making an LED Flash



Python on the Raspberry Pi's– Making an LED Flash

```
import RPi.GPIO as GPIO #import the library to control pins
import time              #import the library for sleep function

#set up pins
GPIO.setmode(GPIO.BOARD) #refer to the pins by their
                           numbers
GPIO.setup(7, GPIO.OUT)  #set pin 7 to output mode

#repeat the pattern the specified number of times
for i in range(0, 10):   #repeat the indented block 10
                           times
    GPIO.output(7, True) #turn on the LED
    time.sleep(1)        #wait one second
    GPIO.output(7, False) #turn off the LED
```

NOTE: longer leg of LED connects to the positive terminal (5V). Shorter leg of LED connects to the negative terminal (GPIO Pin 7).

