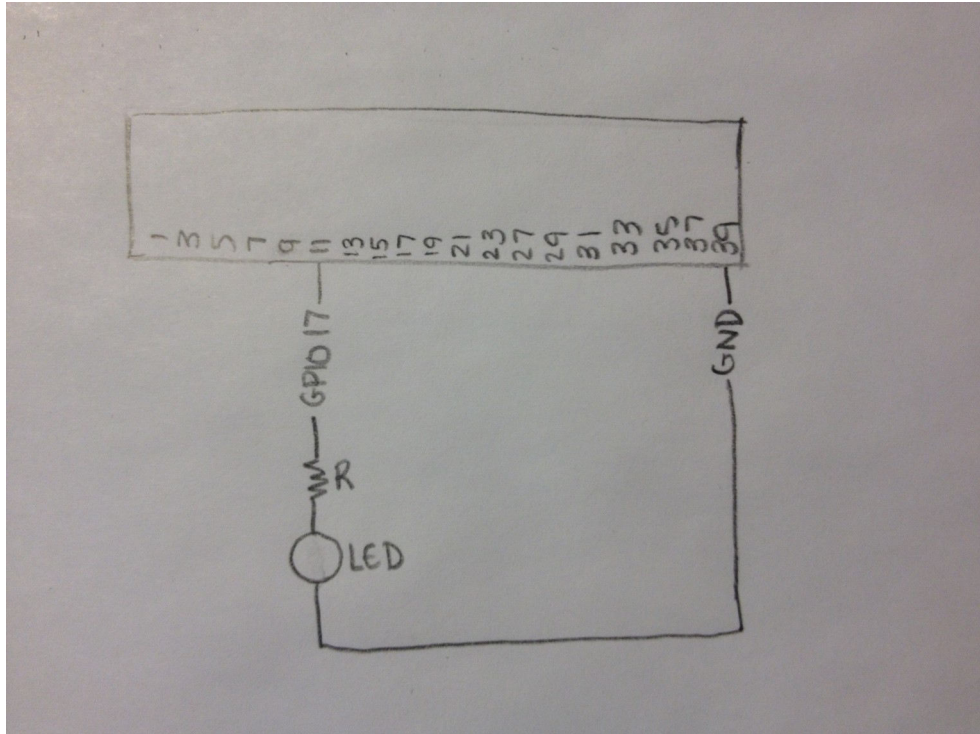
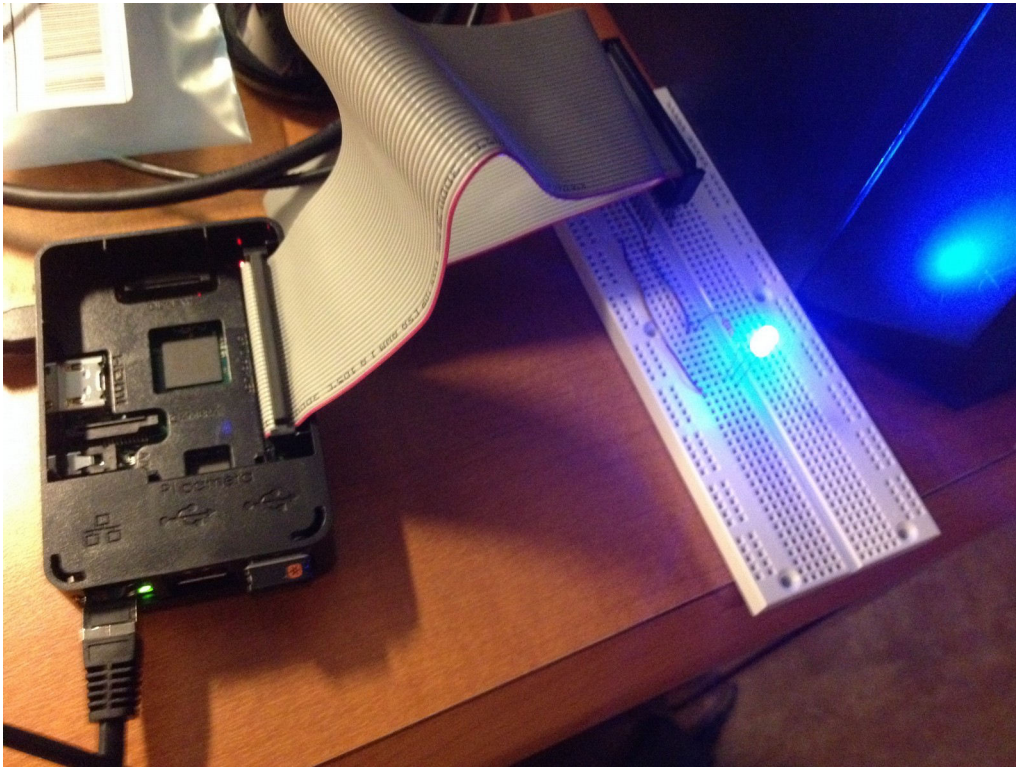


Wiring Diagram:



```
#!/usr/bin/python
import RPi.GPIO as GPIO
import time
GPIO.setmode(GPIO.BCM)
GPIO.setup(17, GPIO.OUT)
def Blink():
    for i in range(0,3):
        print "blink #" + str(i+1)
        GPIO.output(17,True)
        time.sleep(1)
        GPIO.output(17,False)
        time.sleep(1)
    print "done"
    GPIO.cleanup()
Blink()
```

LED setup:



```
# myBlinkingLed.py
#!/usr/bin/python
import RPi.GPIO as GPIO
import time

GPIO.setmode(GPIO.BCM)
GPIO.setup(17,GPIO.OUT)

def blink(pin):
    try:
        # blink 3 times rapidly, then off 5 seconds
        for i in range(0,3):
            print "blink #" + str(i+1)
            GPIO.output(pin,True)
            time.sleep(.08)
            GPIO.output(pin,False)
            if i == 2:
                time.sleep(5)
            else:
                time.sleep(.08)
        print "done"

    # blink 4 times rapidly, then 5 second pause
    for i in range(0,4):
        print "blink #" + str(i+1)
        GPIO.output(pin,True)
        time.sleep(.08)
```

```
        GPIO.output(pin,False)
        if i == 3:
            time.sleep(5)
        else
            time.sleep(.08)
    print "done"

except KeyboardInterrupt:
    print"Keyboard Interrupt."

while (1):
    blink(17)
    GPIO.cleanup()
```