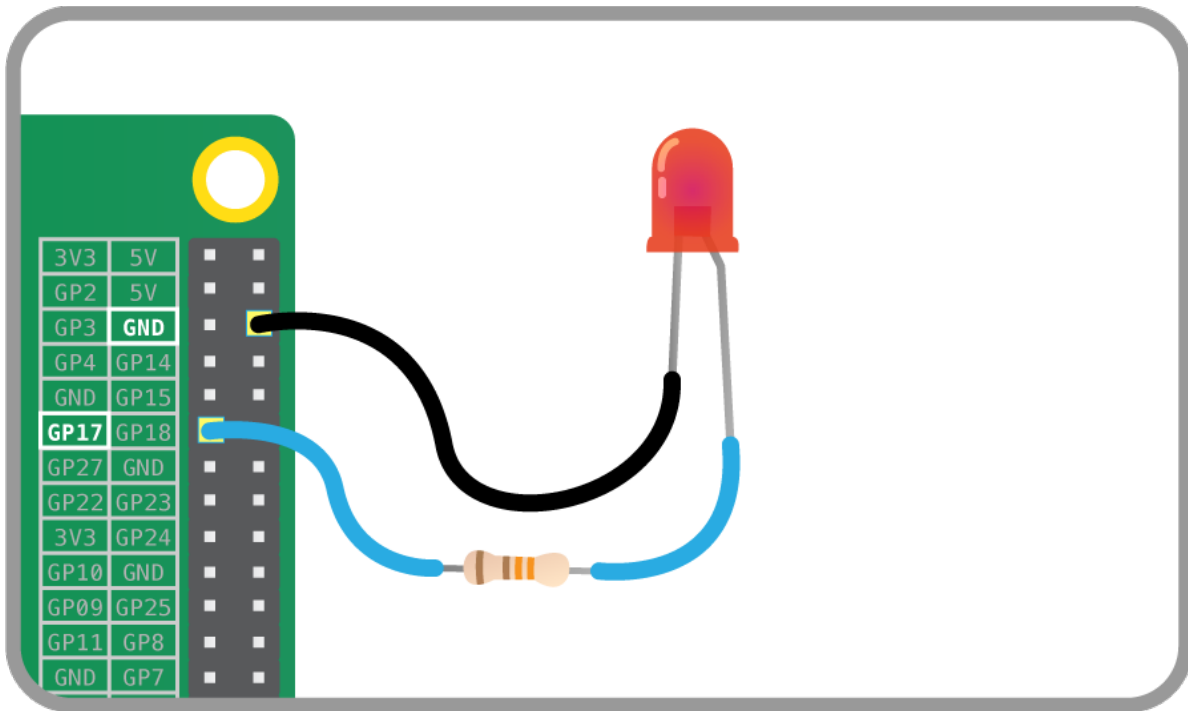


Simple GPIO test - single LED blinking



Write the following python program using a text editor (nano, for example) on the Pi. Run the program as root, as shown in the screenshot of the terminal program below. The led should blink 3 times with 1 second pause.

```
#!/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()
```

```
pi@raspberrypi:~$ sudo python Blink.py
blink #1
blink #2
blink #3
done!!
pi@raspberrypi:~$
```

