



SoSLUG - GPIO Starter Kit Software - Blink LED

**Southend-on-Sea Linux
Users Group (SoSLUG)**
<http://www.soslug.org/>

Python Software

```
# Flash one LED - using python rev 3
# Written by Ray Eacott

import RPi.GPIO as GPIO # import
import time

GPIO.setmode(GPIO.BOARD) # set RPi to use pin numbers
GPIO.setwarnings(False) # switch off error messages
GPIO.setup(12, GPIO.OUT) # setup pin 12 as output

for loop in range(1, 10): # repeat 10 times

    GPIO.output(12, True) # switch on LED
    time.sleep(1)         # wait 1 second
    GPIO.output(12, False) # switch off LED
    time.sleep(1)         # wait 1 second

next

GPIO.cleanup()           # reset GPIO program
```