

```
#!/usr/bin/env
python
```

```
import RPi.GPIO as GPIO # RPi.GPIO can be referred as GPIO from now
import time

ledPin = 22    # pin22

def setup():
    GPIO.setmode(GPIO.BOARD)      # GPIO Numbering of Pins
    GPIO.setup(ledPin, GPIO.OUT)   # Set ledPin as output
    GPIO.output(ledPin, GPIO.LOW)  # Set ledPin to LOW to turn Off
the LED

def loop():
    while True:
        print 'LED on'
        GPIO.output(ledPin, GPIO.HIGH)  # LED On
        time.sleep(1.0)                  # wait 1 sec
        print 'LED off'
        GPIO.output(ledPin, GPIO.LOW)    # LED Off
        time.sleep(1.0)                  # wait 1 sec

def endprogram():

    GPIO.output(ledPin, GPIO.LOW)        # LED Off
    GPIO.cleanup()                       # Release resources

if __name__ == '__main__':              # Program starts from here
    setup()
    try:
        loop()
    except KeyboardInterrupt: # When 'Ctrl+C' is pressed, the
destroy() will be executed.
        endprogram()
```