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LED BLINKING

```
import RPi.GPIO as GPIO # Import Raspberry Pi GPIO library from time import

sleep # Import the sleep function from the time module

GPIO.setwarnings(False)          # Ignore warning for now

GPIO.setmode(GPIO.BOARD)         # Use physical pin numbering

GPIO.setup(8, GPIO.OUT, initial=GPIO.LOW)      # Set pin 8 to be an output pin and set initial value to
low (off) while True: # Run forever

GPIO.output(8, GPIO.HIGH) # Turn on sleep(2) #

Sleep for 2 second GPIO.output(8, GPIO.LOW) #

Turn off sleep(2) # Sleep for 2
```

TRAFFIC LIGHTS

```
impoít Rpi.GPIO as GPIO
impoít time impoít signal
impoít sys
GPIO.setmode(GPIO.BCM)
GPIO.setup(9,GPIO.OUí)
GPIO.setup(10,GPIO.OUí)
GPIO.setup(11,GPIO.OUí) def
allLightsOff(signal,fíameí):
GPIO.output(9,False)
GPIO.output(10,False)
GPIO.output(11,False) GPIO.cleanup()
sys.exit(0)
```

```
signal.signal(signal.SIGINǏ,allLightsOff) while
ľĭue: #Red GPIO.output(9,ľĭue) ľime.sleep(3)
#Red and ambeí
GPIO.output(10,ľĭue)
ľime.sleep(1) #Gíeen
GPIO.output(9,False)
GPIO.output(10,False) GPIO.output(11,ľĭue)
ľime.sleep(5) #Ambeí
GPIO.output(11,False)
GPIO.output(10,ľĭue) ľime.sleep(2)
#Ambeí off(íed comes on at top of loop)
GPIO.output(10,False)
```