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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

```
import Rpi.GPIO as GPIO
import time
import signal
import sys
GPIO.setmode(GPIO.BCM)
GPIO.setup(9,GPIO.OUT)
GPIO.setup(10,GPIO.OUT)
GPIO.setup(11,GPIO.OUT)
def allLightsOff(signal,frame):
    GPIO.output(9,False)
    GPIO.output(10,False)
    GPIO.output(11,False)
    GPIO.cleanup()
    sys.exit(0)
signal.signal(signal.SIGINT,allLightsOff)
while True:
    #Red
    GPIO.output(9,True)
    time.sleep(3)
    #Red and amber
    GPIO.output(10,True)
    time.sleep(1)
    #Green
    GPIO.output(9,False)
    GPIO.output(10,False)
    GPIO.output(11,True)
    time.sleep(5)
    #Amber
    GPIO.output(11,False)
    GPIO.output(10,True)
    time.sleep(2)
    #Amber off (red comes on at top of loop)
    GPIO.output(10,False)
```