TRAFFIC LIGHT CODE

```
import RPi.GPIO as GPIO from time import sleep 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)

GPIO.setwarnings(False)
GPIO.setmode(GPIO.BOARD)
GPIO.setup(8, GPIO.OUT, initial=GPIO.LOW) initial value to low (off) 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: # 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 second
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
```