TRAFFIC CODES

```
import time
import board
import digitalio

red_led = digitalio.DigitalInOut(board.GP11)
red_led.direction = digitalio.Direction.OUTPUT
amber_led = digitalio.DigitalInOut(board.GP14)
amber_led.direction = digitalio.Direction.OUTPUT
green_led = digitalio.DigitalInOut(board.GP13)
green_led.direction = digitalio.Direction.OUTPUT

while True:
    red_led.value = True
    time.sleep(5)
    amber_led.value = True
    time.sleep(2)
    red_led.value = False
    amber_led.value = False
    green_led.value = True
    time.sleep(5)
    green_led.value = False
    amber_led.value = True
    time.sleep(3)
    amber_led.value = False
```

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(1) # Sleep for 1 second
 GPIO.output(8, GPIO.LOW) # Turn off
 sleep(1) # Sleep for 1 second
```