

ASSIGNMENT 3:BLINKING LED AND TRAFFIC LIGHTS FOR RASPBERRY pi

Date	28 October 2022
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CODE:

```
import
time

import RPi.GPIO as GPIO

GPIO.setmode(GPIO.BOARD)

GPIO.setup(11, GPIO.OUT)

GPIO.setup(12, GPIO.OUT)

GPIO.setup(13, GPIO.OUT)


while True:

    GPIO.output(11,True) ## Turn on
    redLed
    time.sleep(1) ## Wait for one second

    GPIO.output(11,False) ## Turn off
    redLed
    time.sleep(1) ## Wait for one second

    GPIO.output(12,True) ## Turn on
    yellowLed
    time.sleep(1) ## Wait for one second

    GPIO.output(12,False) ## Turn off
    yellowLed
    time.sleep(1) ## Wait for one second

    GPIO.output(13,True) ## Turn on
    greenLed
    time.sleep(1) ## Wait for one second

    GPIO.output(13,False) ## Turn off
    greenLed
    time.sleep(1) ## Wait for one second
```