

### Assignment 3

Write python code for blinking LED and Traffic lights for Raspberry pi. Only python code is enough, no need to execute in raspberry pi.

#### 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
```