

IOT Assignment 3

Topic : Write python code for blinking LED and Traffic lights

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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
```