

Assignment -3

Write python code for blinking LED and Traffic lights for Raspberry pi.

PROGRAM:

```
import time

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)
```