

ASSIGNMENT -3

Assignment Date	05 October 2022
Student Name	Mr. Vignesh.E
Student Roll Number	411619104031
Maximum Marks	2 Marks

QUESTION:

Write a python code for blinking LED and Traffic Lights for Raspberry pi.

SOLUTION:

```
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
```