

### ASSIGNMENT 3

Assignment Date	18 September 2022
Student Name	Pranav Aadhithya K B
Student Roll Number	193002307
Maximum Marks	2 Marks

Write python code for blinking LED and traffic lights for Raspberry Pi

```
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
```