

ASSIGNMENT 3

Assignment Date	3 November 2022
Student Name	Ms. Vanathi.D
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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
```