

ASSIGNMENT 3

Assignment date	03 November 2022
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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
```