

### ASSIGNMENT 3

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|-----------------|-----------------|
| Assignment Date | 3 November 2022 |
| Student Name    | Ms. Sasika.M    |
| Student roll no | 732919ECR120    |
| 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
```