

### ASSIGNMENT 3

|                 |                   |
|-----------------|-------------------|
| Assignment date | 03 November 2022  |
| Student name    | Sardhar Hussein B |
| Student roll no | 732919ECR118      |
| 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
```