INTERNET OF THINGS

ASSIGNMENT-3

Assignment Date	19 September 2022
Student Name	THIREKHA.M
Student Roll Number	SSNCE193002113
Maximum Marks	2 Marks

Question:

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

Thorny Python code:

```
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
```