ASSIGNMENT-3

Date	02 OCTOBER 2022
Team ID	PNT2022TMID19800
Project Name	SmartFarmer - IoT Enabled Smart Farming Application
Student name	DHINESH KUMAR R
Roll number	727819TUIT012

Write python code for blinking LED and Traffic lights for Raspberry pi.

CODING:

```
Import RPi.GPIO as GPIO

Import time

#assign numbering for the GPIO using BCM

GPIO.setmode(GPIO.BCM)

#assingn number for the GPIO using Board

#GPIO.setmode(GPIO.BOARD)


Cnt = 0

MAIL_CHECK_FREQ = 1 # change LED status every 1 seconds
```

```
RED_LED = 4

GPIO.setup(RED_LED, GPIO.OUT)

While True:

Ifcnt == 0 :

GPIO.output(RED_LED, False)

Cnt = 1

Else:

GPIO.output(RED_LED, True)

Cnt = 0


Time.sleep(MAIL_CHECK_FREQ)

GPIO.cleanup()
```