**ASSIGNMENT-3**

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| Date | 02 OCTOBER 2022 |
| Team ID | PNT2022TMID19800 |
| Project Name | IOT based smart crop protection system for agriculture |
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**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()