**ASSIGNMENT 3**

**Team id: PNT2022TMID32051**

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

**Code**

**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()**