**Nalaiya Thiran**

**Assignment – 3**

**Done By:** Athinarayanan B **Team ID:** PNT2022TMID17812

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**1.Blinking Led:**

**Source Code:**

import RPi.GPIO as GPIO

from time import sleep

GPIO.setmode(GPIO.BOARD)

GPIO.setup(7, GPIO.OUT)

while True:

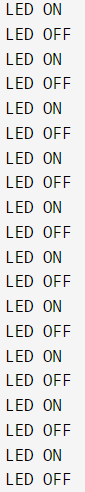
GPIO.output(7, GPIO.HIGH)

sleep(1)

GPIO.output(7, GPIO.LOW)

sleep(1)

**Output:**



**2. Traffic Signal:**

**Source Code:**

from gpiozero import TrafficLights

from time import sleep

lights = TrafficLights(10, 9, 11)

while True:

light.green.on()

sleep(1)

lights.amber.on()

sleep(1)

lights.red.on()

sleep(1)

**Output**:

