

IBM Assignment

Name: Archana.L

Reg no: 412319205006

Team id: PNT2022TMID38248

Write a python code blinking LED and traffic lights for Raspberry pi

```
import RPi.GPIO as GPIO

from time import sleep

GPIO.setwarnings(False)

GPIO.setmode(GPIO.BOARD)

GPIO.setup(8, GPIO.OUT, initial = GPIO.LOW)

while True:

    GPIO.output(8, GPIO.HIGH)

    sleep(1)

    GPIO.output(8, GPIO.LOW)

    sleep(1)

from gpiozero import Button, Traffic Lights, Buzzer

from time import sleep

buzzer = Buzzer(15)

button = Button(21)

lights = TrafficLights(25,8,7)

while True:

    button.wait_for_press()

    buzzer.on()
```

light.green.on()

sleep(1)

lights.amber.on()

sleep(1)

lights.red.on()

sleep(1)

lights.off()

buzzer.off()