

Assignment -3

Python Programming

Write a python code for blinking LED and traffic light using raspberrypi

```
import time
import RPi.GPIO as GPIO
GPIO.setmode(GPIO.BOARD)
GPIO.setup(11, GPIO.OUT)
while True:
    GPIO.output(11,True)
    time.sleep(4)
    GPIO.output(11,False)
    time.sleep(4)
from gpiozero import Button, TrafficLights, Buzzer
buzzer = Buzzer(15)
button = Button(21)
lights = TrafficLights(25, 8, 7)
while True:
    button.wait_for_press()
    buzzer.on()
    light.green.on()
    sleep(4)
    lights.amber.on()
    sleep(4)
    lights.red.on()
    sleep(4)
    lights.off()
    buzzer.off()
```