Assignment 3

Python Programming

Assignment Date	8th October 2022
Student name	ABIRAMI N T
Student Roll Number	611219106001
Maximum Marks	2 Marks

Question:

Write a python code for blinking LED and traffic lights for raspberry pi.

Code:

```python
from gpiozero import Button, TrafficLights, 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()
```