Assignment -3
PYTHON CODE

Assignment Date	05 October 2022
Student Name	Mr. MOHAMMED SAJID . F
Student Roll Number	AC19UIT055
Maximum Marks	2 Marks

Question-1:

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

CODE:

```python
from gpiozero import Button,LED,TrafficLights,Buzzer

from time import sleep

button = Button(21)

lights = TrafficLights(25, 8, 7)

buzzer = Buzzer(15)

while True:

    button.wait_for_press()

    lights.green.on()

    sleep(1)

    lights.amber.on()

    sleep(1)

    lights.red.on()

    sleep(1)

    lights.off()

while True:

    lights.on()

    buzzer.off()

    button.wait_for_press()

    lights.off()

    buzzer.on()

    button.wait_for_release()
```

```python
while True:
    lights.blink()
    buzzer.beep()
    button.wait_for_press()
    lights.off()
    buzzer.off()
    button.wait_for_release()
```