

Assignment -3
Python Programming

Assignment Date	29 September 2022
Student Name	V.ASWIN MUTHIAH
Student Roll Number	190801017
Maximum Marks	2 Marks

Question-1:

Write Python Code for Blinking LED and Traffic Lights for Raspberry Pi.

Solution:

```
From gpiozero import Button, TrafficLights, LED
From time import sleep
Button = Button(21)
Led = LED(25)
Lights = TrafficLights(25, 8, 7)
While True:
    Button.wait_for_press()
    Led.blink(5,5)
    Button.wait_for_release()
    Led.off()
    Lights.green.on()
    Sleep(2)
    Lights.amber.on()
    Sleep(2)
    Lights.red.on()
    Sleep(2)
    Lights.off()
```

