

Assignments3

Python

Programming

Assignment Date	5 October 2022
Student Name	L.Muthukamatchi
Student Roll Number	912419106005
Maximum Marks	2 Marks

Question-1:

1. Write python code for blinking LED and Traffic lights for Raspberry pi.

Solution:

```
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()