

Assignment -3
Python Programming

Assignment Date	5 October 2022
Student Name	k.Nathiya
Student Roll Number	912419104021
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()
```