

Assignment -3
Python Programming

Assignment Date	11 October 2022
Student Name	Vengam Sasikumar
Student Roll Number	111519106172
Maximum Marks	2 Marks

Question-1:

Write a python code for blinking LED using Raspberry pi.

SOLUTION:

```
Import RPi.GPIO as GPIO
From time import sleep
GPIO.setwarnings(False)
GPIO.setmode(GPIO.BOARD)
GPIO.setup(8,GPIO.out, initial=GPIO.LOW)
while True:
    GPIO.output(8,GPIO.HIGH)
    sleep(1)
    GPIO.output(s,GPIO.LOW)
    sleep(1)
```

Question-2:

Write a python code for Traffic Lights using Raspberry pi.

SOLUTION:

```
from gpiozero import Button, TrafficLights, Buzzer
from time import sleep
buzzer=buzzer(15)
buzzer=Button(21)
lights=TrafficLights(25,8,7)
while True:
    button.wait_for_press()
    buzzer.on()
    light.green.on()
```

