

## ASSIGNMENT-3

### PYTHON PROGRAMMING

Assignment Date	5 October 2022
Student Name	Bala subramaniyan G
Student Roll Number	822119106005
Maximum Marks	2 Marks

#### Question-1:

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

#### Solution:

```
from gpiozero import Button, Traffic Lights, 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()
```