

## ASSIGNMENT – 3

### PYTHON PROGRAMMING WITH RASPBERRY PI

Assignment Date	30 September 2022
Student Name	N.V. Dhanushya
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Maximum Marks	2 Marks

#### QUESTION:

Write a 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)
light=TrafficLights(25, 8, 7)

while True:
    button.wait_for_press()
    buzzer.on()
    light.green.on()
    sleep(1)
    light.amber.on()
    sleep(1)
    light.red.on()
    sleep(1)
    light.off()
    buzzer.off()
```