

ASSIGNMENT-3

PYTHON CODE FOR BLINKING LED AND TRAFFIC LIGHTS FOR RASPBERRY PI

CODE.PY

```
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()
    lights.green.on()
    sleep(1)
    lights.amber.on()
    sleep(1)
    lights.red.on()
    sleep(1)
    lights.off()
    buzzer.off()
```