ASSIGNMENT- 3

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BLINKING LED CODE:

```
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(8,GPIO.LOW)
    sleep(1)
```

TRAFIC LIGHTS CODE:

```
from gpiozero import Button,TrafficLights, Buzzerfrom
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()
```

```
buzzer.on()
lights.green.on()
sleep(1)
```