PYTHON CODE FOR TRAFFIC LIGHTS USING RASPBERRY PI

Python code blinking a LED for Raspberry pi

```
import RPi.GPIO as GPIO # Import Raspberry Pi GPIO library
from time import sleep # Import the sleep function from the time
moduleGPIO.setwarnings(False) # Ignore warning for now
GPIO.setmode(GPIO.BOARD) # Use physical pin numbering
GPIO.setup(8, GPIO.OUT, initial=GPIO.LOW) # Set pin 8 to be an output pin and
setinitial value to low (off)
while True: # Run forever
    GPIO.output(8, GPIO.HIGH) # Turn
    onsleep(1) # Sleep for 1 second
    GPIO.output(8, GPIO.LOW) # Turn
    offsleep(1) # Sleep for 1 second
```

Python code Traffic lights for Raspberry pi

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