ASSIGNMENT 3

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Traffic Light Code for Raspberry Pi:

Button – pin 21, Red LED – pin 25, Yellow LED(amber) – pin 8, Green LED – pin 7, Buzzer – pin 15

```python
From gpiozero import LED

led = LED(17)
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()
```