ASSIGNMENT-3

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QUESTION:

Write python code for blinking LED and Traffic lights for Raspberry pi. Only python code is enough, no need to execute in raspberry pi.

Note: you are allowed to use web search and complete the assignment.

CODE:

```
from gpiozero import Button, LED
button=Button(21)
led=LED(25)
/*while True:
button.wait_for_press()
led.on()
button.wait_for_release()
led.off()*/
while True:
led.blink()
```

```
button.wait_for_press()
led.off()
button.wait_for_release()
//#
from gpiozero import Button, TrafficLights
lights=TrafficLights(25,8,7)
while True:
button.wait_for_press()
lights.on()
button.wait_for_release()
lights.off()
while True:
lights.blink()
```

```
button.wait_for_press()
lights.off()
button.wait_for_release()
from time import sleep
/*while True:
lights.green.on()
sleep(1)
lights.amber.on()
sleep(1)
lights.red.on()
sleep(1)
lights.off()*/
while True:
button.wait_for_press()
lights.green.on()
sleep(1)
lights.amber.on()
sleep(1)
lights.red.on()
sleep(1)
lights.off()
```