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TOPIC: To derive a python code for blinking LED and Traffic lights for Raspberry pi.

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)
```