ASSIGNMENT 3
PYHTHON PROGRAMMING

Assignment Date	30 SEPTEMBER 2022
Student Name	P.ROOBA
Student Roll Number	962719106026
Maximum Marks	2 MARKS

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 .
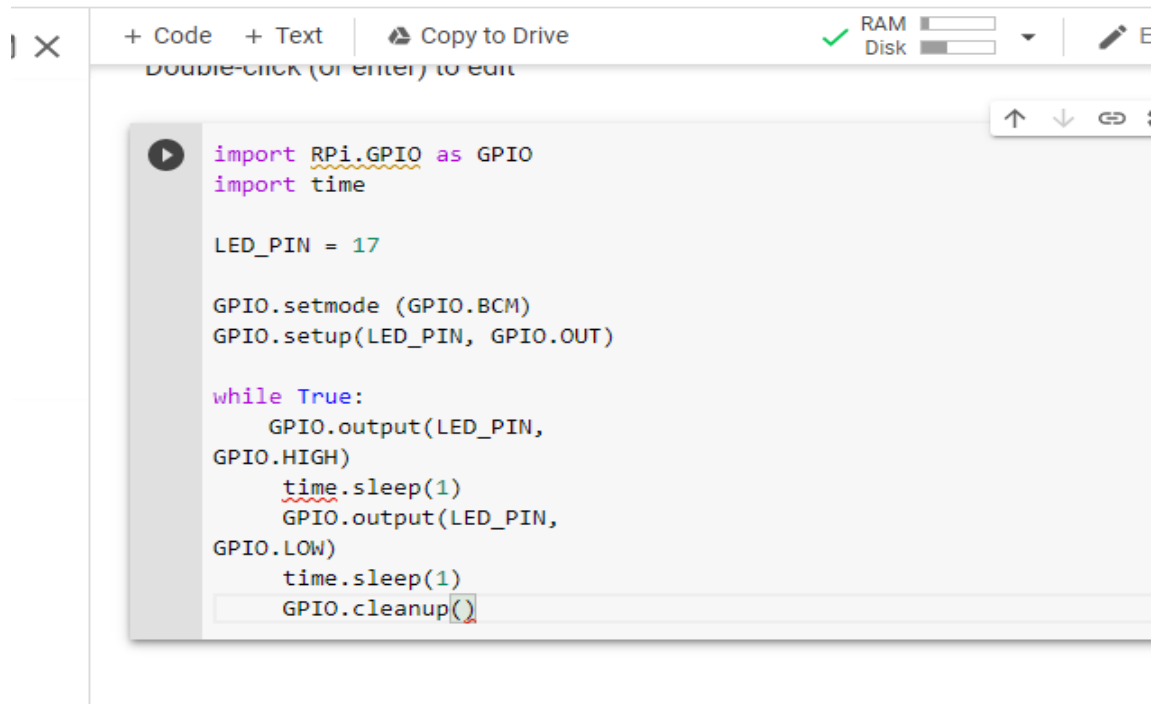
Solution:

```python
import RPi.GPIO as GPIO
import time

LED_PIN = 17

GPIO.setmode (GPIO.BCM)
GPIO.setup(LED_PIN, GPIO.OUT)

while True:
    GPIO.output(LED_PIN,
GPIO.HIGH)
    time.sleep(1)
    GPIO.output(LED_PIN,
GPIO.LOW)
    time.sleep(1)
    GPIO.cleanup()
```

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