ASSIGNMENT -3 RASPBERRY PYTHON CODE SMART FARMER - IoT ENABLED SMART FARMING APPLICATION

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LED BLINKING CODE:

```
import RPI.GPIO as GPIO

from time import sleep GPIO.setwarnings(False)

GPIO.setmode(GPIO.BOARD) GPIO.setup(7, GPIO.OUT, initial-GPIO.LOW)

while True:

GPIO.output(7, GPIO.HIGH)

sleep(1)

GPIO.output(7, GPIO.LOW)

sleep(1)
```

TRAFFIC LIGHT CODE:

```
from gpiozero import LED

from time import sleep

red = LED(23)

yellow - LED(27) green = LED(18)

while True:

red.on()

sleep(15)

red.off()

sleep(1)

yellow.on()

sleep(15)
```

```
yellow.off(

sleep(1)

green.on()

sleep(15)

green.off(

sleep(1)
```