ASSIGNMENT -3 RASPBERRY PYTHON CODE
SMART FARMER -IoTENABLED SMART FARMING APPLICATION

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LED BLINKING CODE:-

```
import RPi.GPIO as GPIO
from time import sleep
GPIO.setwamings(False)
GPIO.setmode(GPIO.BOAR
D)
GPIO.setup(8, GPIO.OUT,
initial=GPIO.LOW) while True:
    GPIO.output(8, GPIO.HIGH)
    sleep(1)
    GPIO.output(8, GPIO.LOW)
    sleep(1)
```

TRAFFIC LIGHT CODE:-

```
from gpiozero import LED
from time import sleep
red — LED(22)
yellow =
LED(27) green =
LED(17) while
True:
    red.on()
    sleep(15)
    red.off()
    sleep(1)
    yellow.on()
    sleep(10)
    yellow.off(
    ) sleep(1)
    green.on()
    sleep(10)
    green.off()
    sleep(1)
```