

ASSIGNMENT 3

Date	04 October 2022
Name	Shobana P
Roll Number	718019L250
Project Name	Project – Smart Farmer-IoT Enabled Smart Farming Application
Maximum Marks	2 Marks

TOPIC : Python code for blinking LED and Traffic lights for Raspberry pi

PROGRAM

```
import time

import RPi.GPIO as GPIO

GPIO.setmode(GPIO.BOARD)

GPIO.setup(11, GPIO.OUT)
GPIO.setup(12, GPIO.OUT)
GPIO.setup(13, GPIO.OUT)

while True:

    GPIO.output(11,True) ## Turn on redLed
    time.sleep(1)

    GPIO.output(11,False) ## Turn off redLed
    time.sleep(1)

    GPIO.output(12,True) ## Turn on yellowLed
    time.sleep(1)

    GPIO.output(12,False) ## Turn off yellowLed
    time.sleep(1)

    GPIO.output(13,True) ## Turn on greenLed
    time.sleep(1)

    GPIO.output(13,False) ## Turn off greenLed
    time.sleep(1)
```