

ASSIGNMENT 3

Date	04 October 2022
Team ID	PNT2022TMID33440
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Project Name	Project – Smart Farmer-IoT Enabled Smart Farming Application
Maximum Marks	2 Marks

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)
```