

ASSIGNMENT 3

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| Date | 08 October 2022 |
| Team ID | PNT2022TMID26544 |
| Team Members Name | Singareddy Maneesh, Yogesh sai J, Praveenkumar Venkateshan R |
| 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)
```