ASSIGNMENT 3

Date	17 Nov 2022
Team ID	PNT2022TMID262558
Team Members Name	Vasanth Kumar P , Tharun Kumar S , Teja Nidhi P S , Vishal Ragavan E
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

```python
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)
```

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