**ASSIGNMENT 3**

|  |  |
| --- | --- |
| Date | 04 October 2022 |
| Team ID | PNT2022TMID33110 |
| Name | Bala.K |
| Project Name | Project – Smart Farmer-IoT Enabled Smart Farming Application |
| Maximum Marks | 2 Marks |
| Assignment Topic | Blinking LED and Traffic light using python |

**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)