**ASSIGNMENT 3**

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| Date | 08 October 2022 |
| Team ID | PNT2022TMID37457 |
| Name | AVULA SUNEEL |
| Project Name | Project – Smart Farmer-IoT Enabled Smart Farming Application |

**Question-1:**

Write python code for blinking LED and Traffic lights for Raspberry pi. Only python code is enough, no need to execute in 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)