

### **ASSIGNMENT - 3**

Date	3 <sup>rd</sup> October 2022
Team ID	PNT2022TMID21245
Project Name	INDUSTRY-SPECIFIC INTELLIGENT FIRE MANAGEMENT SYSTEM

#### **TEAM MEMBERS:**

19C011 – BHAGYALAKSHMI T  
19C036 – HARSINI A M  
19C047 – LAKSHMI SREE S  
19C052 – MADHUMITHA P R

#### **PROBLEM:**

**Python code for blinking LED and Traffic lights for Raspberry pi.**

**#importing required packages**

from gpiozero import LED

from time import sleep

**#setting GPIO pins**

red = LED(22)

amber = LED(27)

green = LED(17)

red.on()

sleep(1)

amber.on()

sleep(1)

green.on()

sleep(1)

3

red.on()

sleep(1)

amber.on()

sleep(1)

green.on()

sleep(1)

red.off()

sleep(1)

amber.off()

sleep(1)

green.off()

while True:

    red.on()

    sleep(1)

    amber.on()

    sleep(1)

    green.on()

    sleep(1)

    red.off()

    sleep(1)

    amber.off()

    sleep(1)

    green.off()