## Assignment -3

Python Programming

|  |  |
| --- | --- |
| Assignment Date | 05th October 2022 |
| Student Name | Yaswanth bala. P S |
| Student Roll Number | 73771913188 |
| Maximum Marks | 2 Marks |

## Question-1:

Write python code for blinking LED and Traffic Lights for Raspberry pi.

## Solution:

* Python code for blinking LED using Raspberry pi. from gpiozero import Button, LED

led = LED(25)

button = Button(21) while True:

button.wait\_for\_press() led.on() print("Pressed")

button.wait\_for\_release() led.off() print("Released")

* Python code for Traffic Lights using Raspberry pi.

# from gpiozero import LED from time import sleep

red = LED(22)

# amber = LED(27) green = LED(17) while True:

red.on() sleep(1)

# amber.on() sleep(1) green.on() sleep(1) red.off() sleep(1) amber.off() sleep(1) green.off()