# Assignment -3

Python Programming

|  |  |
| --- | --- |
| Assignment Date | 09 October 2022 |
| Student Name | Gautam K K |
| Student Roll Number | 73771913119 |
| Maximum Marks | 2 Marks |

# Question-1:

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

* Blinking LED:

|  |
| --- |
| **Solution:**  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")   * Traffic Light:   **Solution:**  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() |