**Assignment -3**

Python Programming

|  |  |
| --- | --- |
| Assignment Date | 3 October 2022 |
| Student Name | N.KARPAGANTHAN |
| Student Roll Number | 820419106022 |
| Maximum Marks | 2 Marks |

|  |
| --- |
| **Write python code for blinking LED Traffic lights for Raspberry pi**  **CODE:**  **from machine import pin**  **from time import sleep**  **led=Pin(25,Pin.out)**  **while true:**  **led.high()**  **sleep(1)**  **led.low()**  **sleep(1)**  **from gpiozero import Button,TrafficLights**  **from time import sleep**  **button=Button(21)**  **lights=TrafficLights(25,8,7)**  **while True:**  **lights.green.on()**  **sleep(1)**  **lights.amber.on()**  **lights.green.off()**  **sleep(1)**  **lights.red.on()**  **sleep(1)**  **lights.off()** |
|  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |