**Assignment -3**

Python Programming

|  |  |
| --- | --- |
| Assignment Date | 30 Septembere 2022 |
| Student Name | Aishwarya K |
| Student Roll Number | 820419106004 |
| Maximum Marks | 2 Marks |

Question:

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

Program 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()