**Assignment -3**

Python Programming

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| Assignment Date | 30 Septembere 2022 |
| Student Name | Gokul Varshan T |
| Student Roll Number | 713319IT012 |
| 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()