**ASSIGNMENT- 3**

|  |  |
| --- | --- |
| **Team ID** | **PNT2022TMID41871** |
| **project** | **Real time river water quality monitoring and control system** |
| **Maximum Marks** | **2Marks** |

**Write python code for blinking LED and Traffic lights for Raspberry pi. Only python code is enough, no need to execute in raspberry pi.**

from gpiozero import Button, TrafficLights, Buzzer

from time import sleep

buzzer = Buzzer(15)

button = Button(21)

lights = TrafficLights(25, 8, 7)

while True:

button.wait\_for\_press()

buzzer.on()

light.green.on()

sleep(1)

lights.amber.on()

sleep(1)

lights.red.on()

sleep(1)

lights.off()

buzzer.off()