

# **IBM ASSIGNMENT 3-IOT** **REAL TIME RIVER WATER** **QUALITY MONITORING** **AND CONTROL SYSTEM**

Team Members : Ramya R

Sangeetha S

Vennilavu P M

Sowmiya S B

Degree : B.E

Branch : Computer Science and Engineering

College Name : V.S.B Engineering College, Karur.

## **Topic:**

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

## **Code:**

```
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()
```