

Assignment 3

Date
Team ID
Project Name

30 October 2022
PNT2022TMID12872

Real-Time River Water Quality Monitoring
and Control Sysem

Name

SAJEESH P

Code :

```
//PROGRAM FOR LED BLINK
```

```
import RPi.GPIO as GPIO
from time import sleep
GPIO.setwarnings(FALSE)
GPIO.setmode(GPIO.BOARD)
GPIO.setup(19,GPIO.OUT,initial=GPIO.LOW)
while True:
    GPIO.output(19,GPIO.HIGH)
    sleep(2)
    GPIO.output(19,GPIO.LOW)
    sleep(2)
```

```
//PROGRAM FOR TRAFFIC LIGHT CONTROLLER
```

```
import RPi.GPIO as GPIO
from time import sleep
GPIO.setwarnings(FALSE)
GPIO.setmode(GPIO.BOARD)
GPIO.setup(19,GPIO.OUT,initial=GPIO.LOW)
GPIO.setup(21,GPIO.OUT,initial=GPIO.LOW)
GPIO.setup(23,GPIO.OUT,initial=GPIO.LOW)
while True:
    GPIO.output(19,GPIO.HIGH)
    GPIO.output(21,GPIO.LOW)
    GPIO.output(23,GPIO.LOW)
    sleep(2)
    GPIO.output(19,GPIO.LOW)
    GPIO.output(21,GPIO.HIGH)
    GPIO.output(23,GPIO.LOW)
    sleep(2)
    GPIO.output(19,GPIO.LOW)
    GPIO.output(21,GPIO.LOW)
    GPIO.output(23,GPIO.HIGH)
    sleep(2)
```

