

**REAL TIME RIVER WATER QUALITY  
MONITORING AND CONTROL SYSTEM**

**SUBMITTED BY**

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**ASSIGNMENT-03**

## **CODE:**

```
import time

import RPi.GPIO as GPIO

GPIO.setmode(GPIO.BOARD)

GPIO.setup(11, GPIO.OUT)

GPIO.setup(12, GPIO.OUT)

GPIO.setup(13, GPIO.OUT)

while True:

    GPIO.output(11,True) ## Turn on redLed

    time.sleep(1)

    GPIO.output(11,False) ## Turn off redLed

    time.sleep(1)

    GPIO.output(12,True) ## Turn on yellowLed

    time.sleep(1)

    GPIO.output(12,False) ## Turn off yellowLed

    time.sleep(1)

    GPIO.output(13,True) ## Turn on greenLed

    time.sleep(1)

    GPIO.output(13,False) ## Turn off greenLed

    time.sleep(1)
```