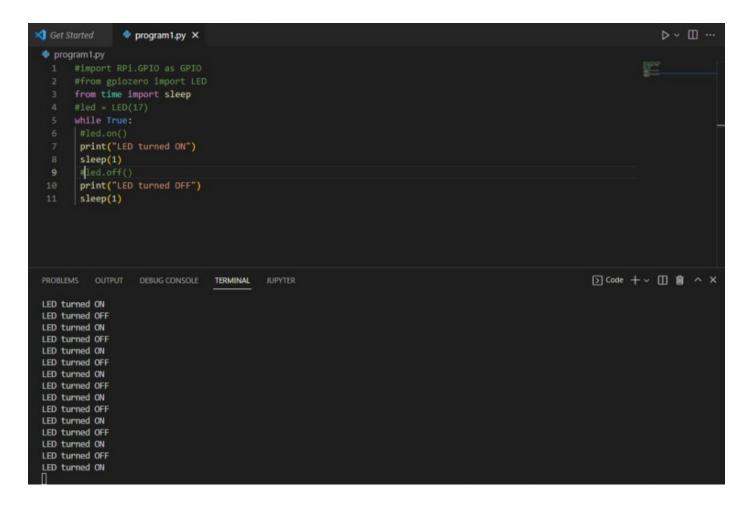
Real-Time River Water Quality Monitoring And Control System <u>ASSIGNMENT-3</u>

Write a python code for blinking LED and Traffic Lights for Raspberry Pi.

(i) Python Code for Blinking LED:

```
#import RPi.GPIO as GPIO
#from gpiozero import LED
from time import sleep
#led = LED(17) while True:
#led.on() print("LED turned ON")
sleep(1)
#led.off()
print("LED turned OFF")
sleep(1)
```



(ii) Python Code for Traffic Lights:

```
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()