# ASSIGNMENT 3

**NAME**: HARI

**Project Name:** Real-Time River Water Monitoring and Control System

| Python code for traffic lights:<br>CODE: | Python code for blinking of LED light:<br>CODE: |
|---|---|
| ```python<br>from gpiozero import LED from<br>time import sleep<br>lights = TrafficLights(27, 5, 8)<br>while True:<br>light.green.on()<br>sleep(1)<br>lights.amber.on()<br>sleep(1)<br>lights.red.on()<br>sleep(1) lights.off()<br>``` | ```python<br>import RPi.GPIO as GPIO<br>import time<br>LED_PIN = 15<br>GPIO.setmode(GPIO.BCM)<br>GPIO.setup(LED_PIN, GPIO.OUT)<br>while true:<br>GPIO.output(LED_PIN, GPIO.HIGH)<br>time.sleep(1)<br>GPIO.output(LED_PIN, GPIO.LOW)<br>time.sleep(1)<br>GPIO.cleanup()<br>``` |