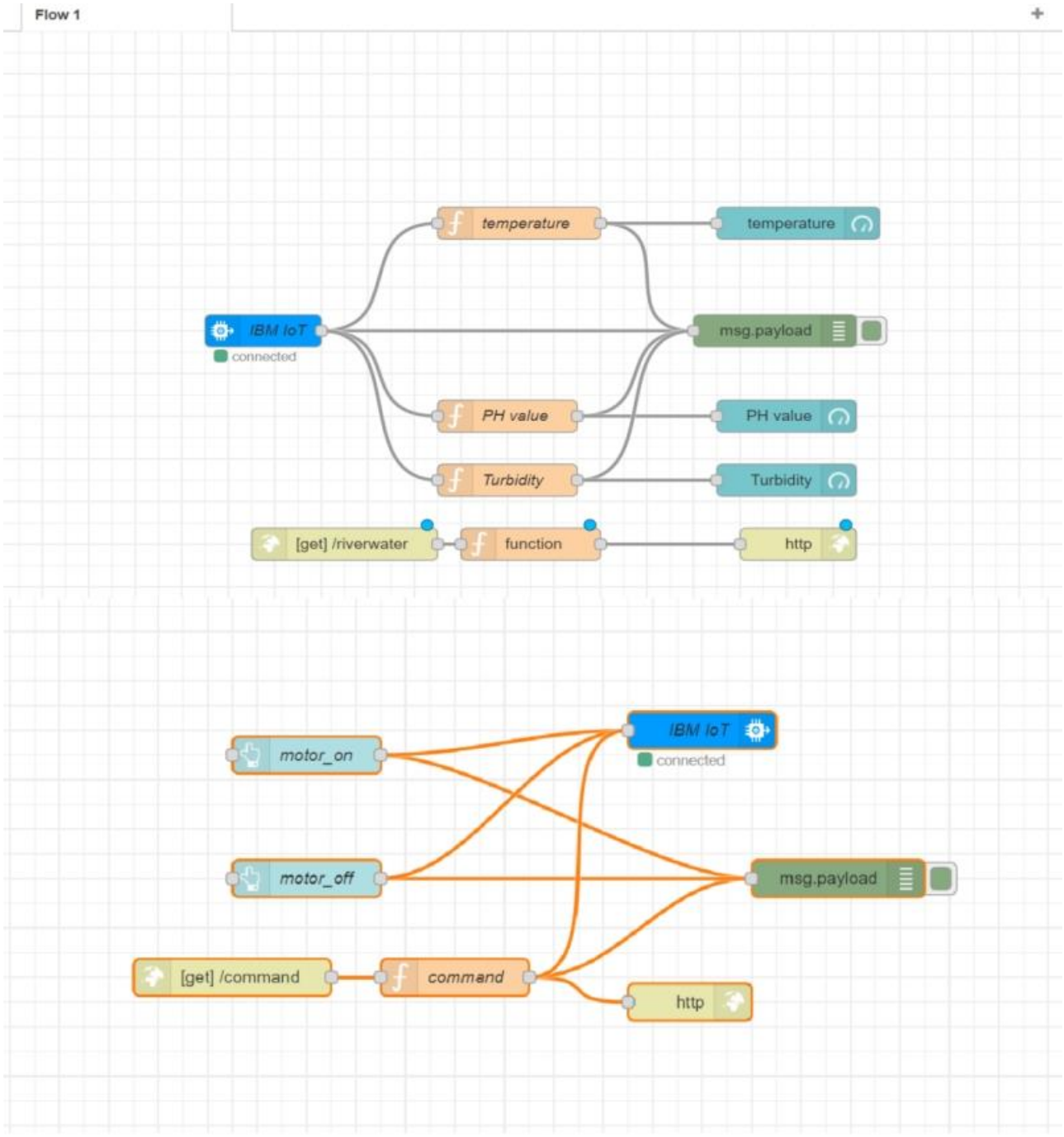
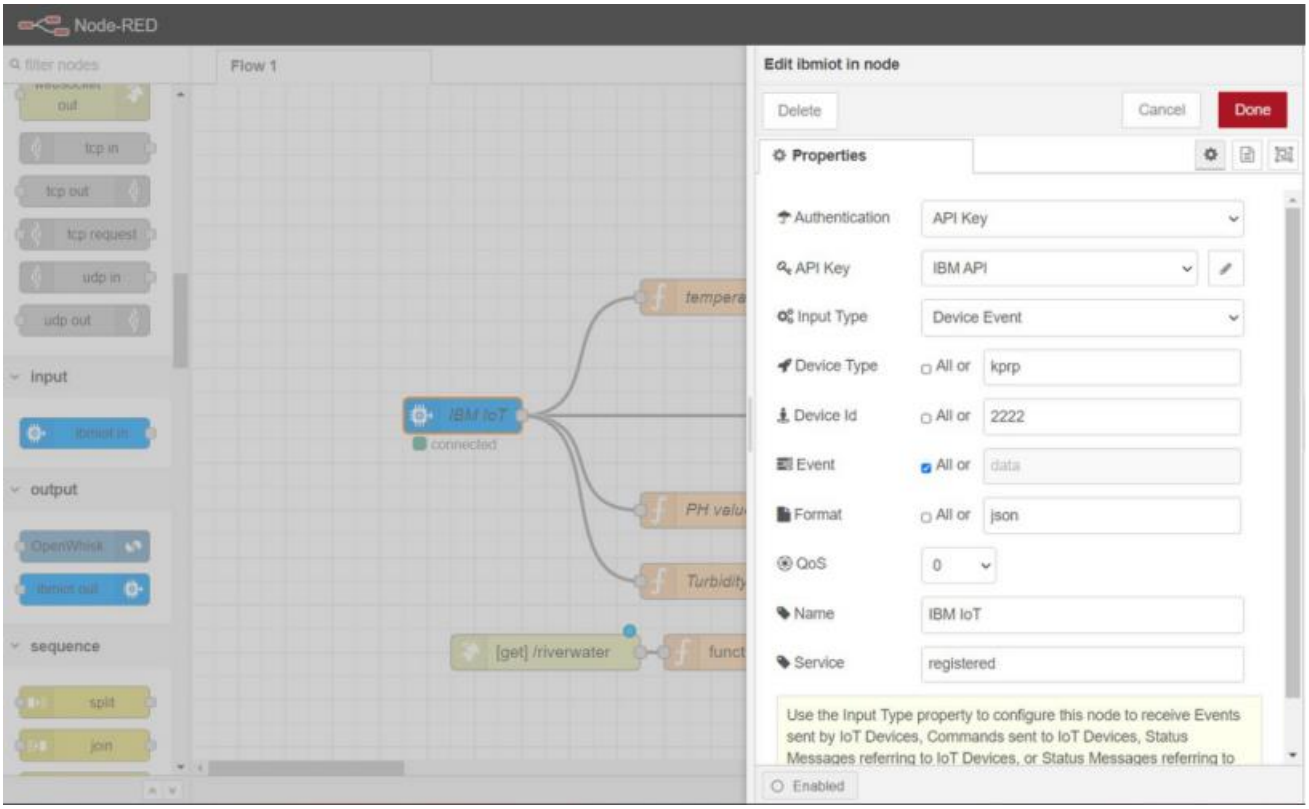
SPRINT 2:
WEB APPLICATION USING NODE RED

Date	8 November 2022
Team ID	PNT2022TMID43374
Project Name	River Water Quality Monitoring and Control System

NODE RED HOME:

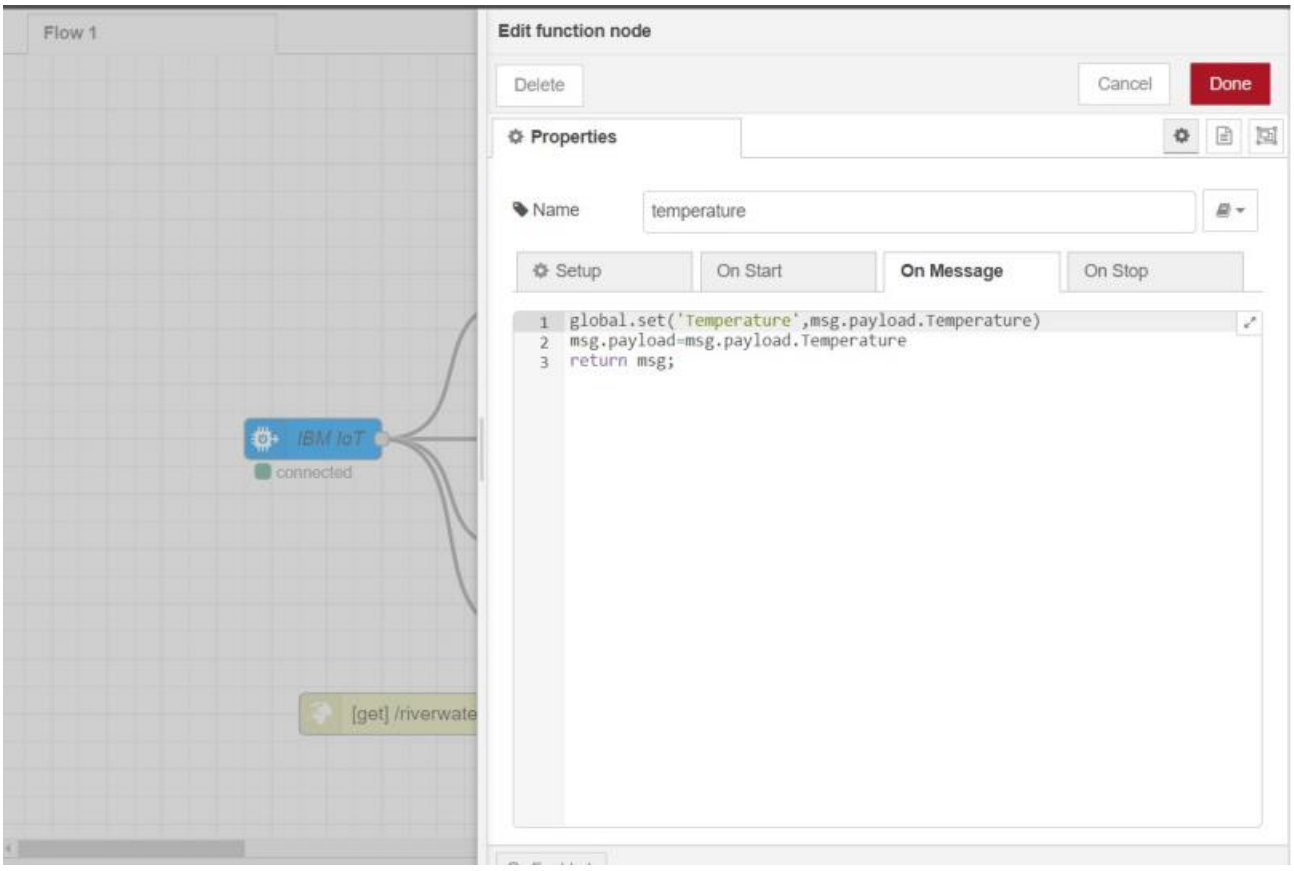


IBM IOT NODE:

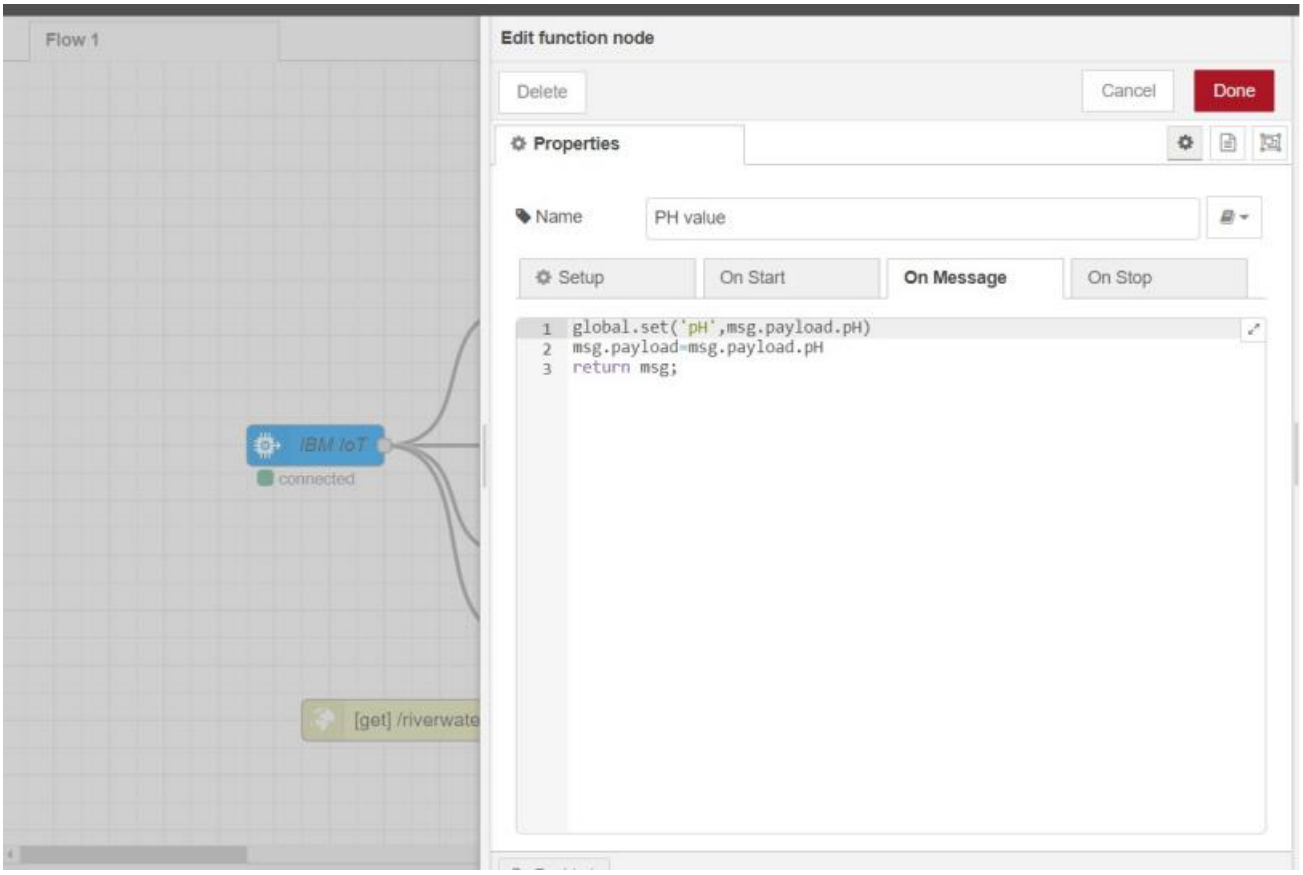


SENSORS:

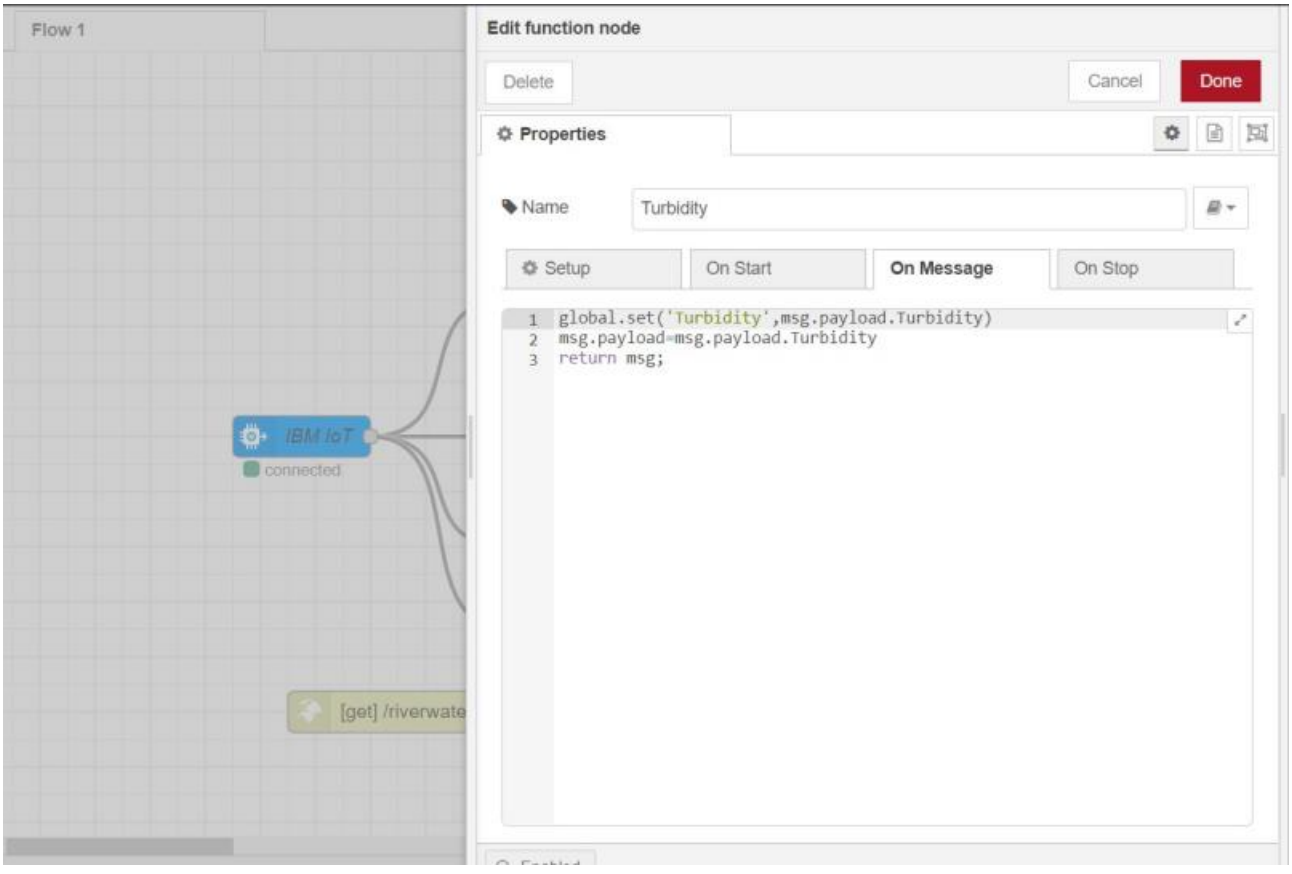
TEMPERATURE



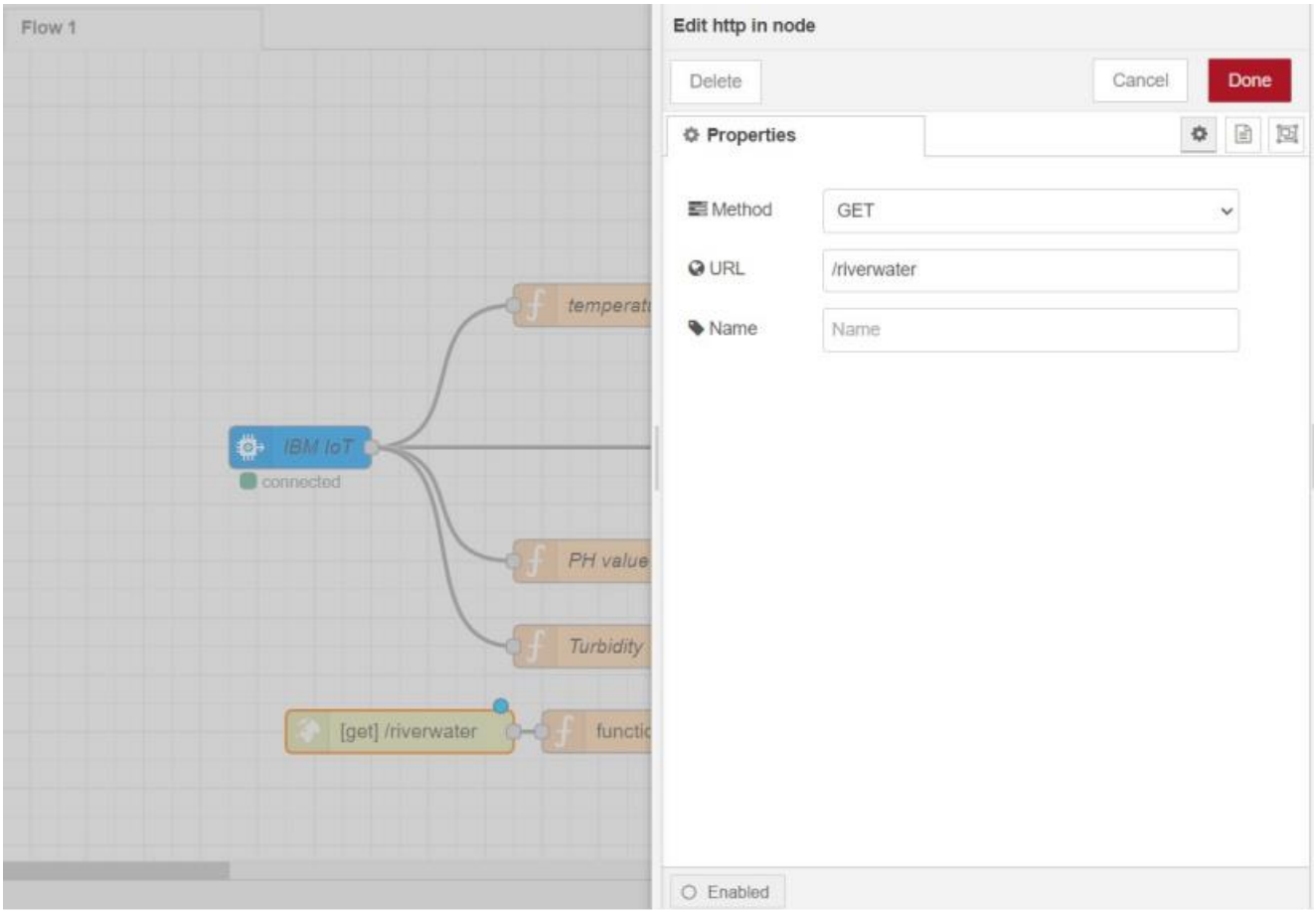
PH SENSOR:

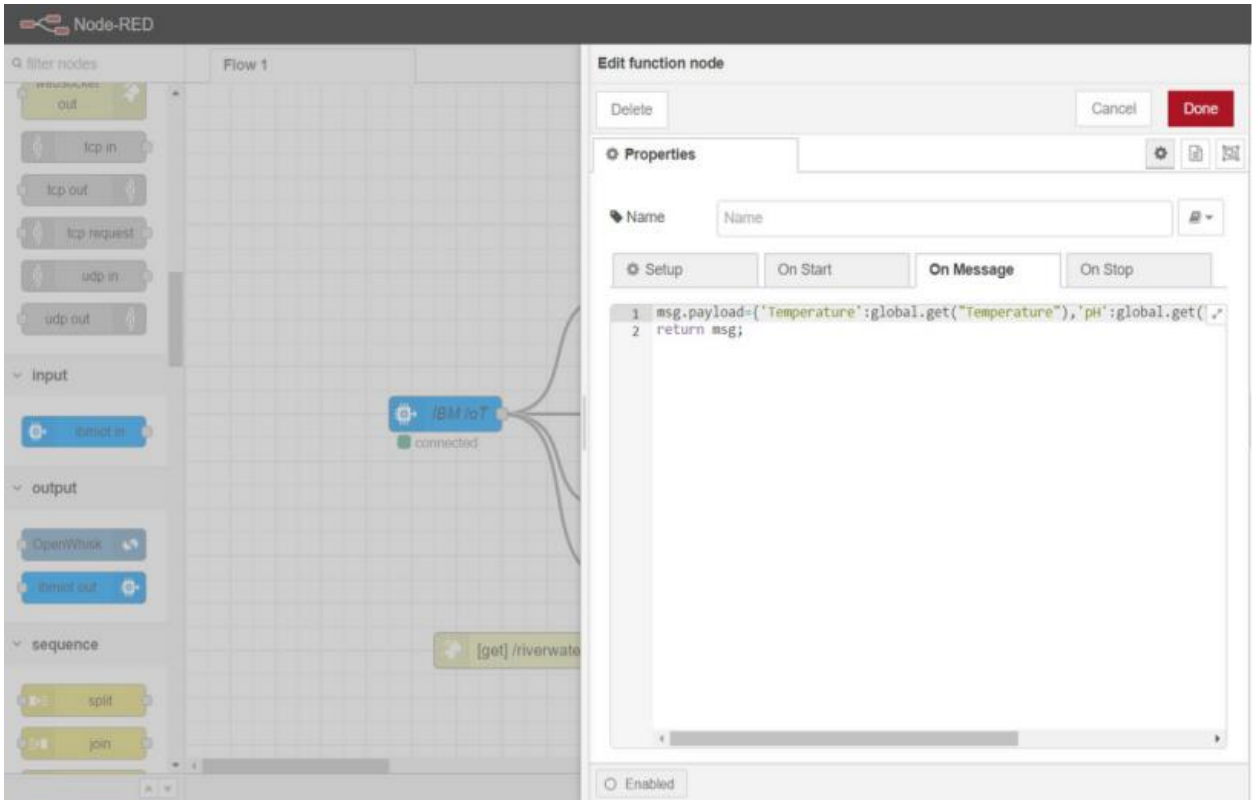


TURBIDITY:



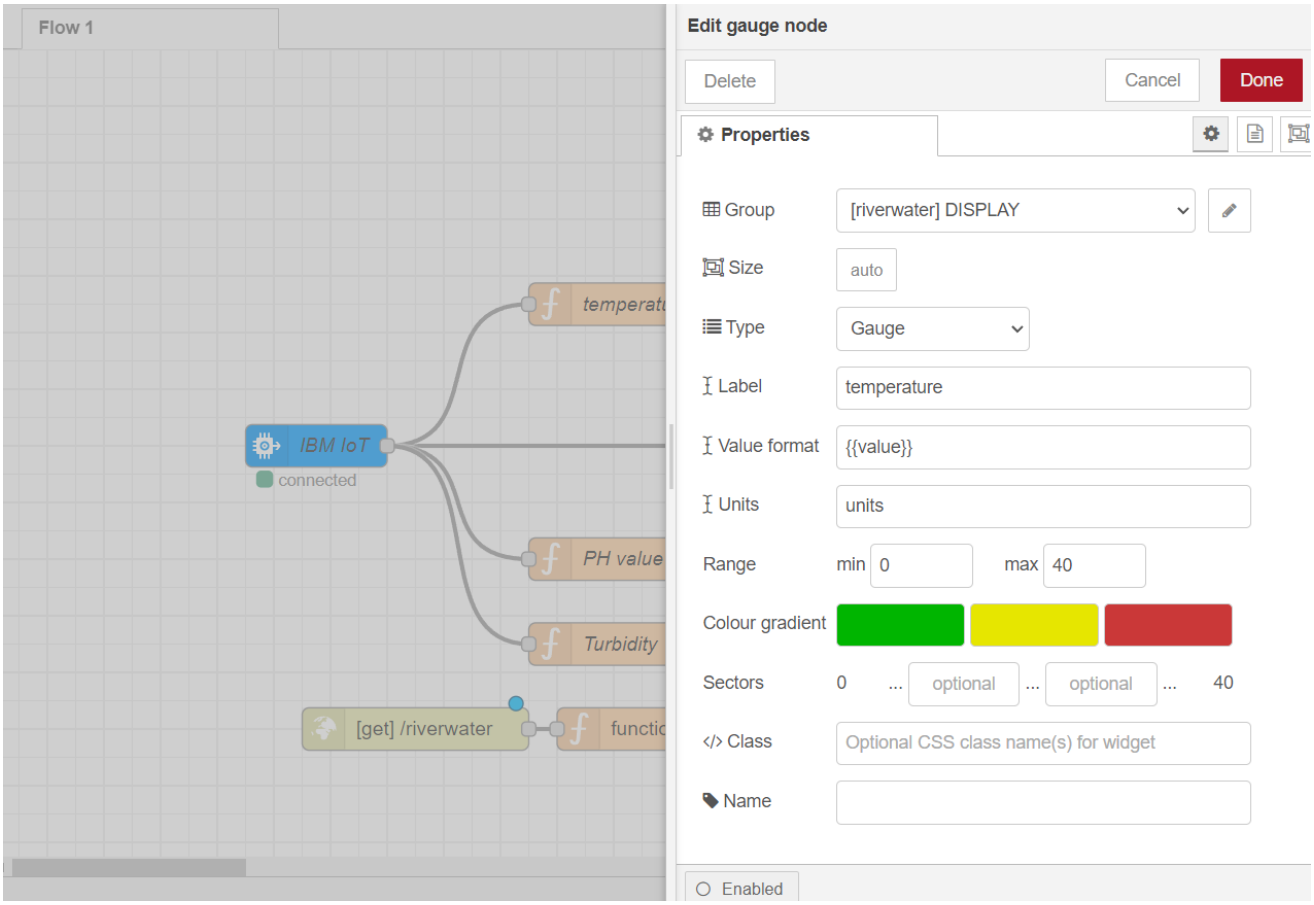
HTTP NODE:


Flow 1
IBM IoT
connected
PH value
Turbidity
[get] /riverwater
Edit http in node
Delete
Cancel
Done
Properties
Method
GET
URL
/riverwater
Name
Name
Enabled

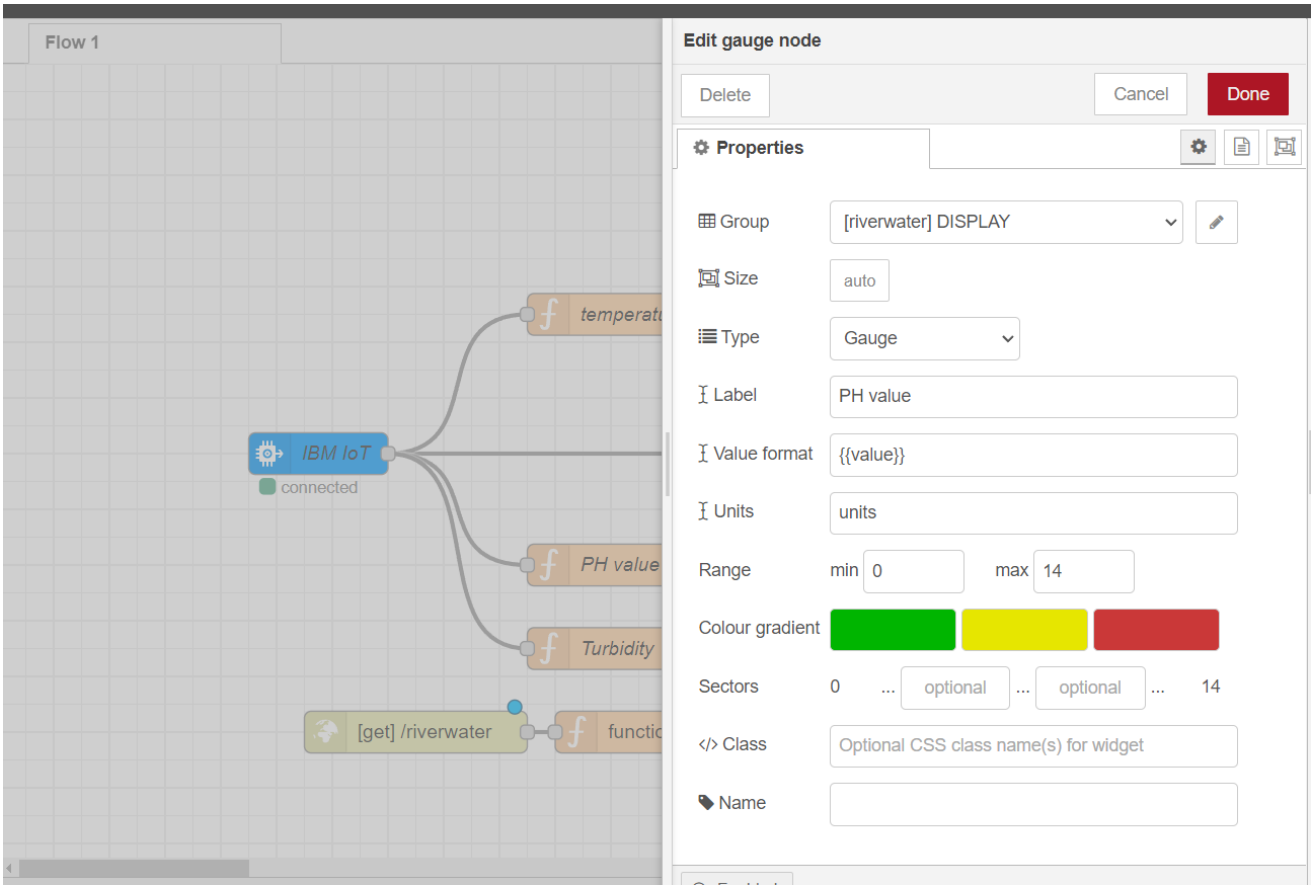

Node-RED
Flow 1
IBM IoT
connected
Edit function node
Delete
Cancel
Done
Properties
Name
Name
Setup
On Start
On Message
On Stop
msg.payload={'Temperature':global.get("Temperature"),'pH':global.get(
return msg;
Enabled

DASHBOARD NODES:

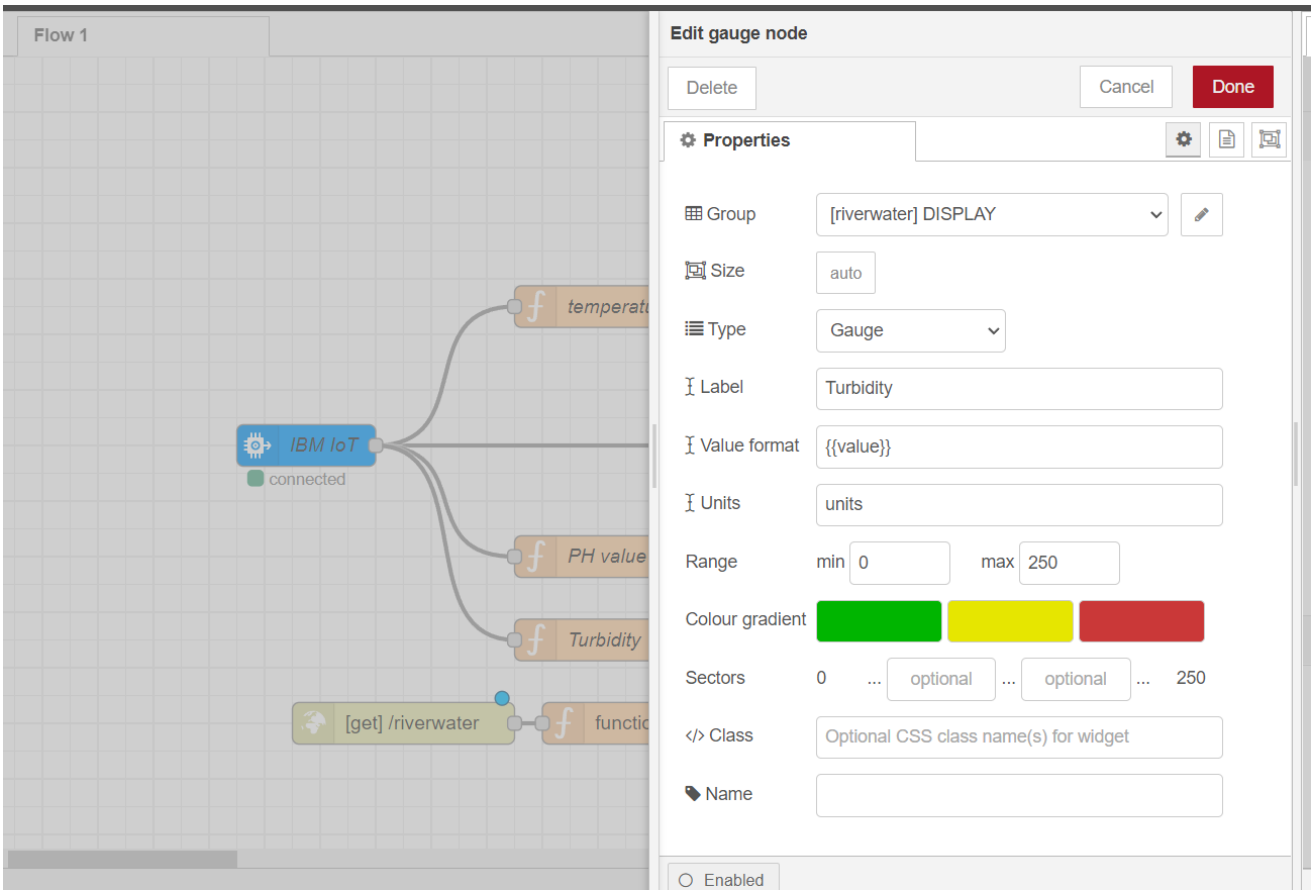
TEMPERATURE:



PH SENSOR:

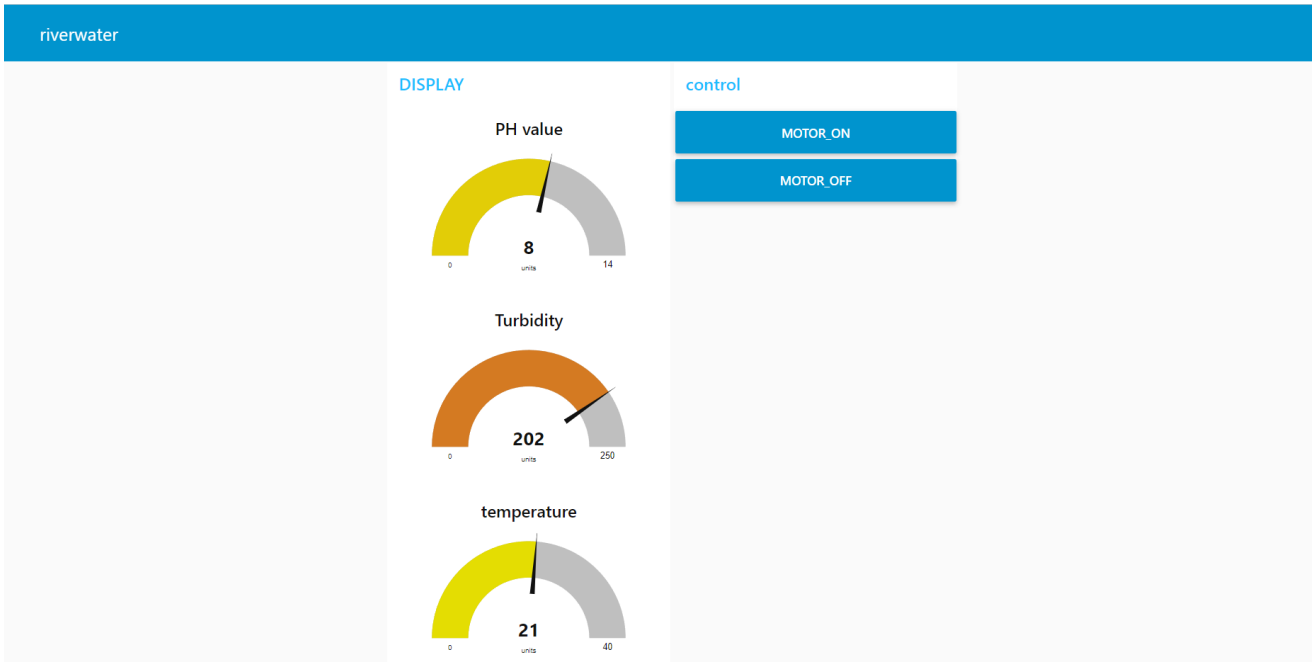


TURBIDITY:



WEB APPLICATION:

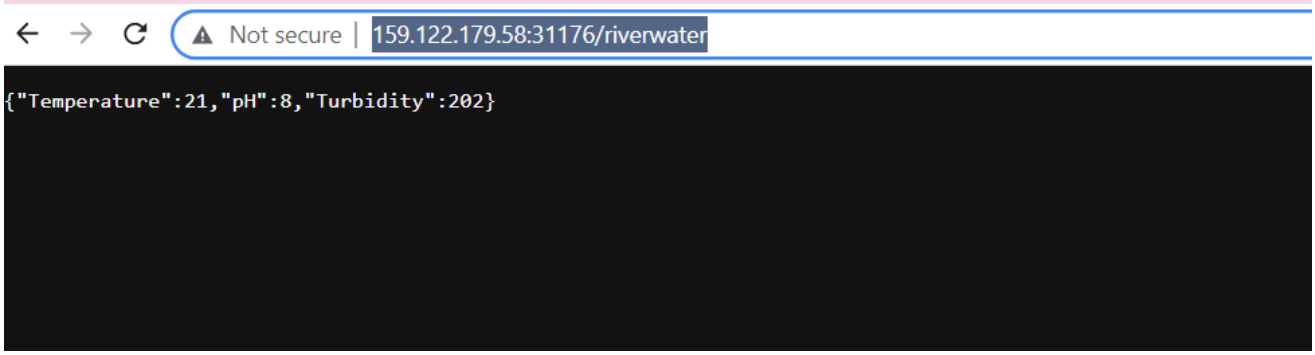
DASHBOARD:



DASHBOARD LINK: http://159.122.179.58:31176/ui/#!/0?socketid=xpzwLq-likptr6qnAAAr

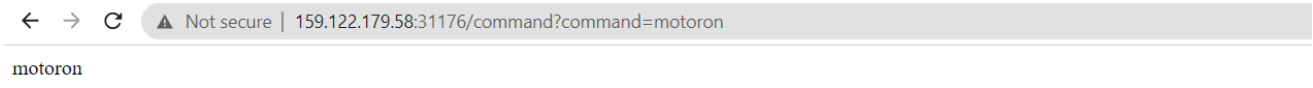
WEB PAGE:

MONITORING:

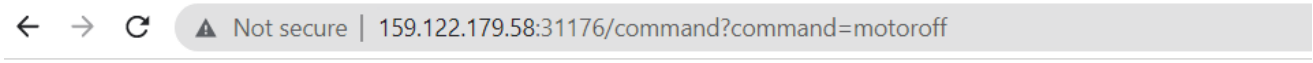


WEB PAGE LINK: http://159.122.179.58:31176/riverwater

CONTROL :



motoron



motoroff

LINKS:

- http://159.122.179.58:31176/command?command=motoroff
- http://159.122.179.58:31176/command?command=motoroff