

## USE DASHBOARD NODES FOR CREATING UI (WEB APP)

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Project Name	Gas Leakage Monitoring and Alerting System

After creating the Node Red Web Application, we have to install the UI interface in Node Red.

- Copy and pasting the URL of the Node-Red in the new tab

The screenshot displays the Node-RED web application interface. The main workspace shows a flow named "Flow 1" with the following nodes and connections:

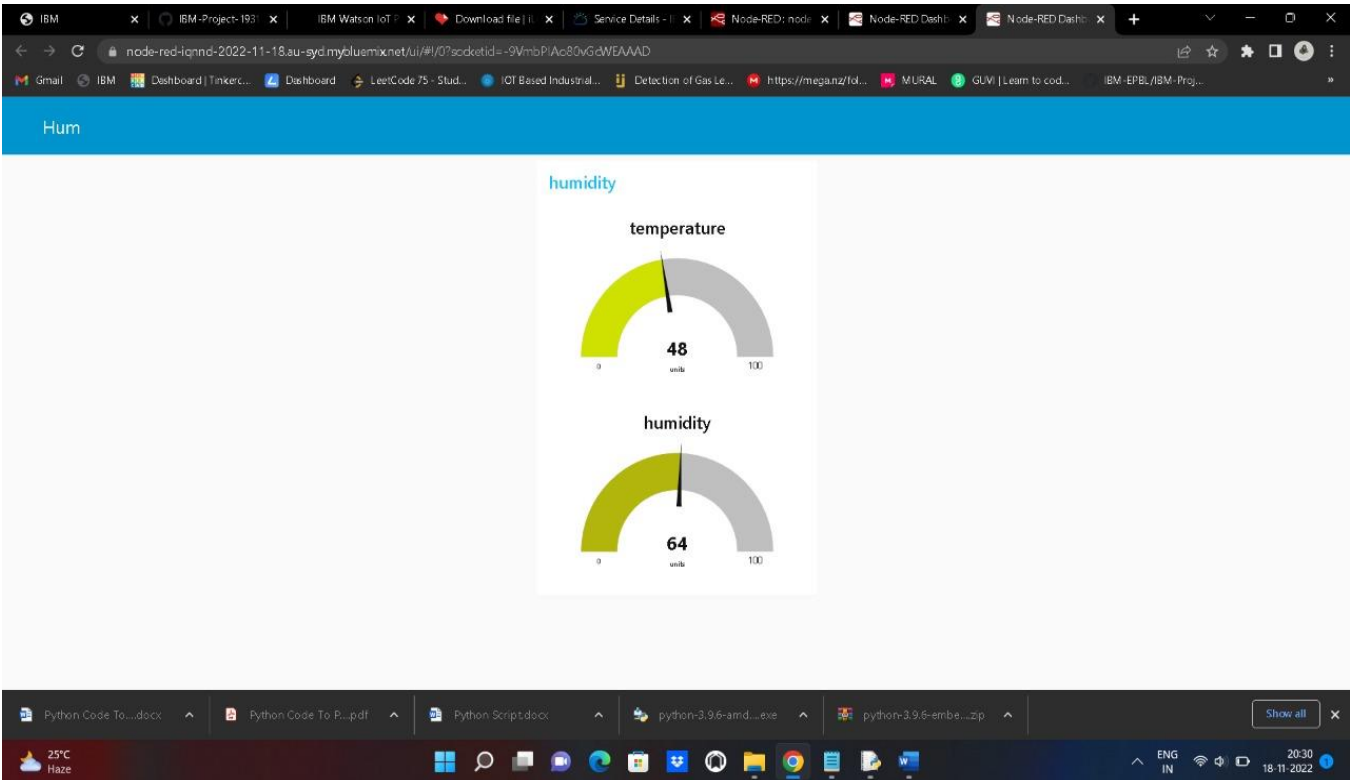
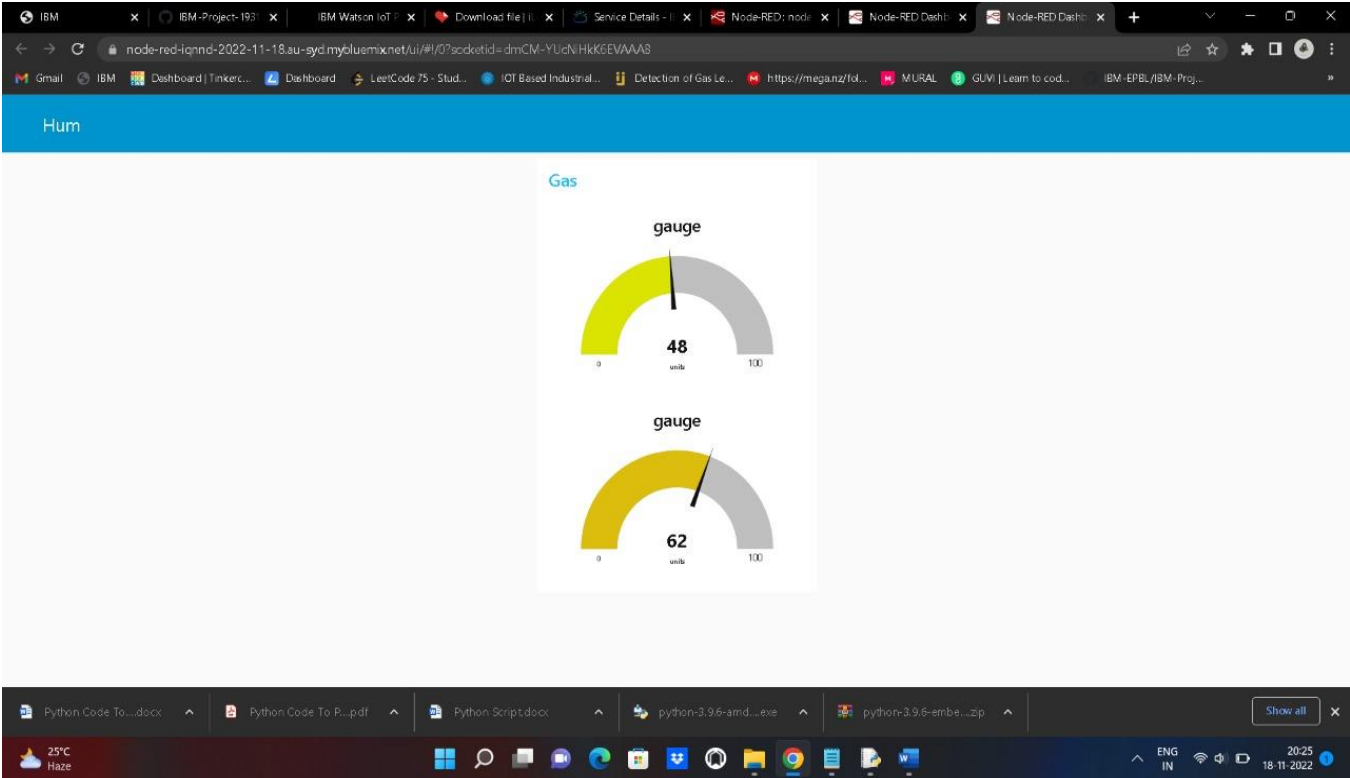
- IBM IoT** (connected) node connected to a **msg payload** node.
- The **msg payload** node is connected to two **function** nodes.
- The first **function** node is connected to a **gauge** node.
- The second **function** node is connected to another **gauge** node.
- A **http** node is connected to a **function** node, which is then connected to another **http** node.

The **debug** console on the right shows a log of messages with the following structure:

```
msg.payload: Object
{
  temperature: 98,
  humidity: 23
}
11/18/2022, 7:56:32 PM node:12f2649a.0c0d98
iot-2hype/nodefogas/ev/status/mrojson:
msg.payload: Object
{
  temperature: 83,
  humidity: 70
}
11/18/2022, 7:56:34 PM node:12f2649a.0c0d98
iot-2hype/nodefogas/ev/status/mrojson:
msg.payload: Object
{
  temperature: 67,
  humidity: 4
}
11/18/2022, 7:56:36 PM node:12f2649a.0c0d98
iot-2hype/nodefogas/ev/status/mrojson:
msg.payload: Object
{
  temperature: 80,
  humidity: 6
}
11/18/2022, 7:56:38 PM node:12f2649a.0c0d98
iot-2hype/nodefogas/ev/status/mrojson:
msg.payload: Object
{
  temperature: -18,
  humidity: 4
}
11/18/2022, 7:56:40 PM node:12f2649a.0c0d98
iot-2hype/nodefogas/ev/status/mrojson:
msg.payload: Object
{
  temperature: 59,
  humidity: 43
}
```

The browser's address bar shows the URL: `node-red-icqnd-2022-11-18.au-syd.mybluemix.net/red/#flow/21a9547fa20df194`. The taskbar at the bottom shows various open applications and the system clock indicating 20:10 on 18-11-2022.

OUTPUT:



**LINK:**

<https://node-red-ignd-2022-11-18.au-syd.mybluemix.net/ui/#!/0?socketid=ReKNr7MjZp5LITIPAAAL>

**RESULT:**

Thus, the Node Red UI is created successfully.