

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 in a browser. The URL bar shows the application is hosted on a Bluemix instance. The interface includes a left sidebar with node categories (common, function), a central workspace for building flows, and a right sidebar for debugging and monitoring.

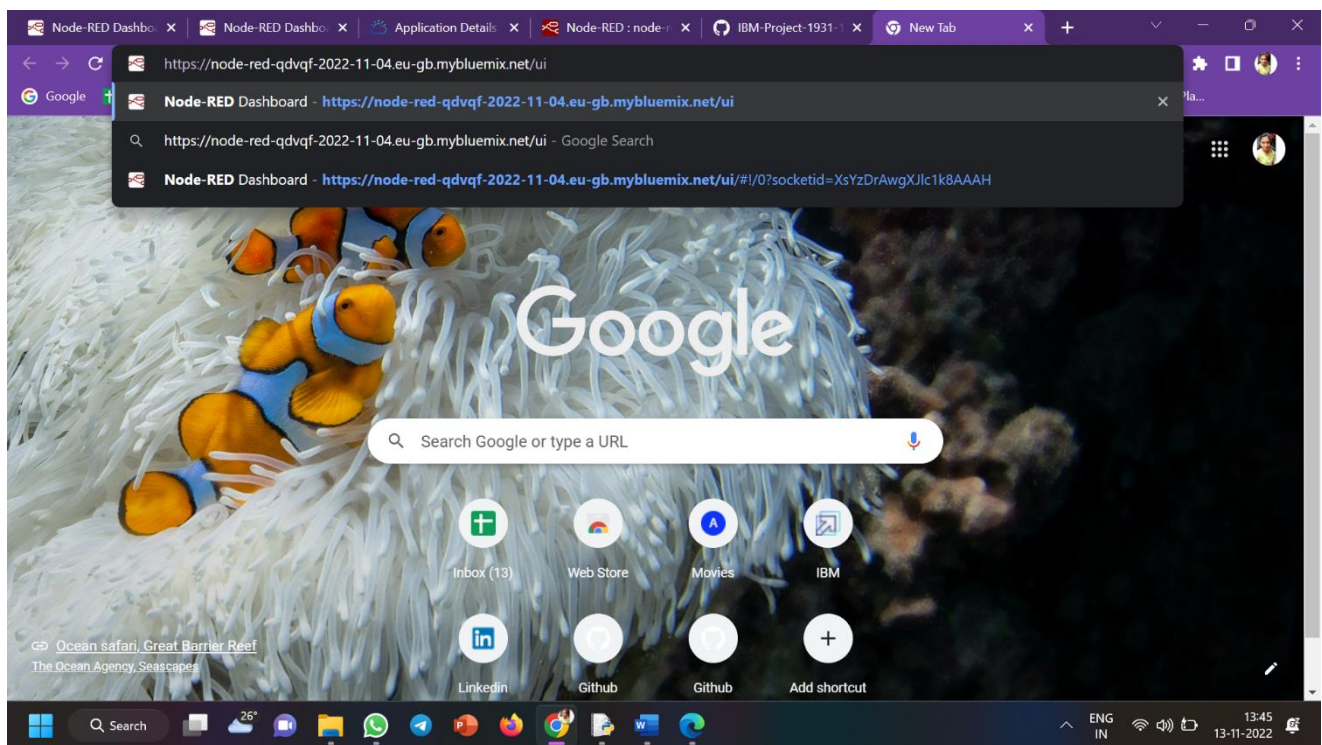
The main workspace shows a flow named "Flow 1" with the following components:

- An "inject" node connected to a "Hello Node-RED!" text node.
- A "msg.payload" node connected to the "Hello Node-RED!" node.
- An "IBM IoT" node (labeled "connected") connected to three parallel paths:

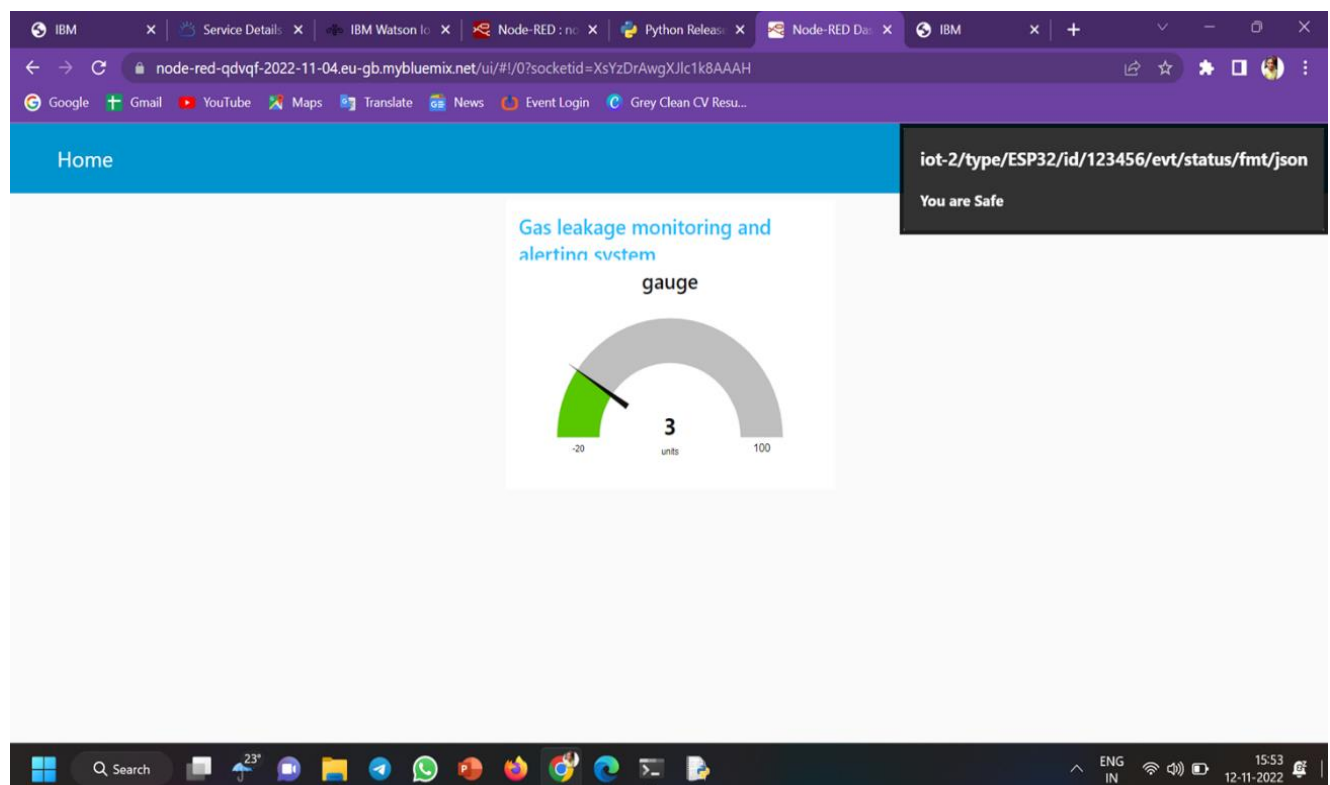
 - A "function" node connected to a "show notification" node.
 - A "Gas" node connected to a "gauge" node.
 - A "msg.payload" node.

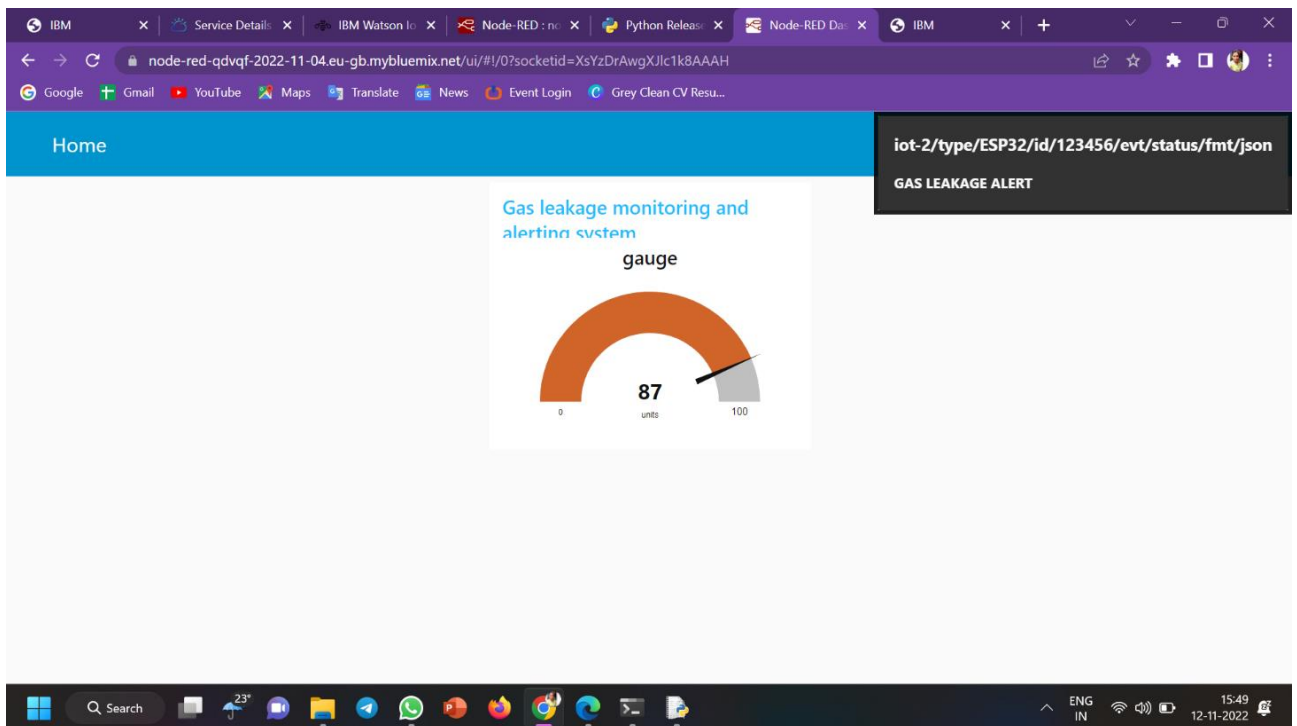
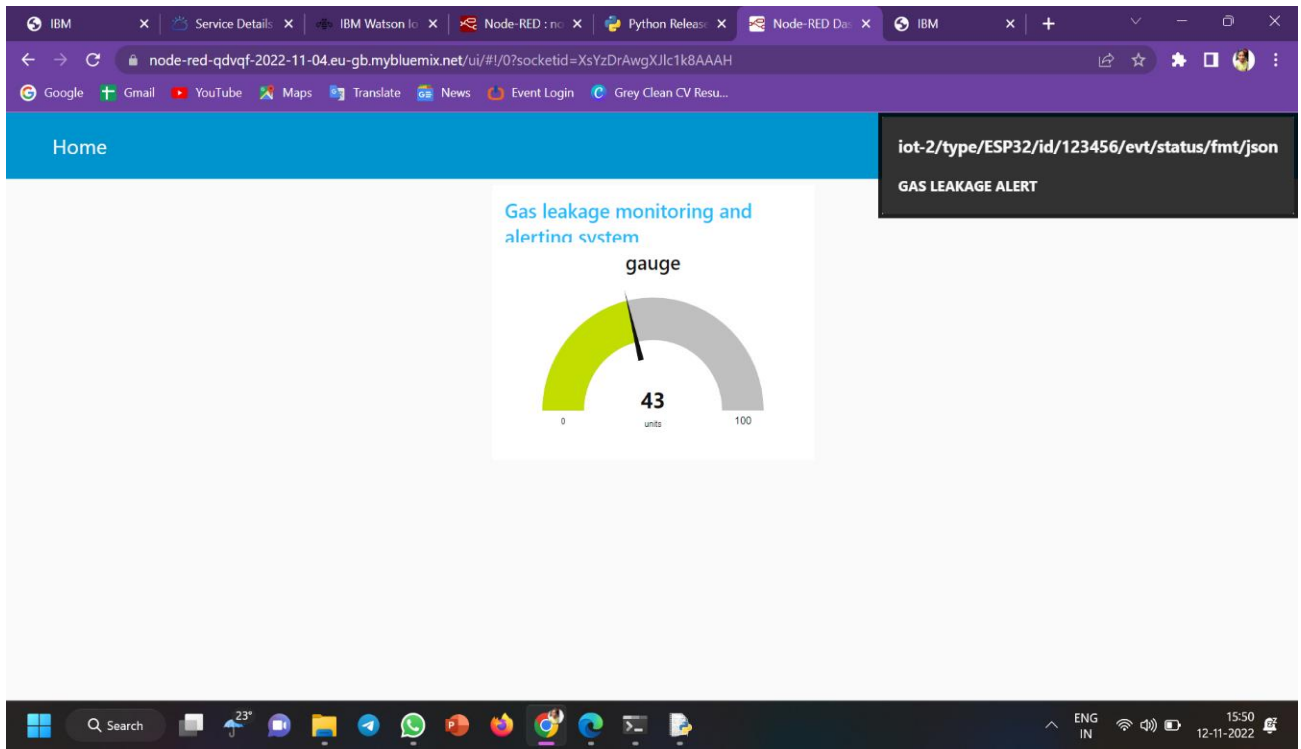
The right sidebar shows the "debug" console with a list of messages received from the IoT device, including timestamps, node IDs, and JSON payloads. The bottom of the image shows the Windows taskbar with various application icons and the system clock indicating 13:48 on 13-11-2022.

❖ Edit the link by adding /ui at end of the link.



OUTPUT:





RESULT:

Thus, the Node Red UI is created successfully.