DATE	12 [™] November 2022
TEAM ID	PNT2022TMID36126
PROJECT NAME	GAS LEAKAGE MONITORING AND
	ALERTING SYSTEM FOR INDUSTRIES

Task:

Sensed data is brought to Node-RED and displayed in dashboard

Steps:

- 1. IBM IoT node is used to gather sensor data.
 - a. Necessary API key is provided to establish connection.
- 2. Using functions namely Temperature, Humidity and Gas the data is obtained independently and displayed in dashboard.
- 3. Dashboard Nodes are used to display the sensed data to the user in a portal.

code:

Temperature: msg.payload = msg.payload.temp;

return msg;

Humidity: msg.payload = msg.payload.hum;

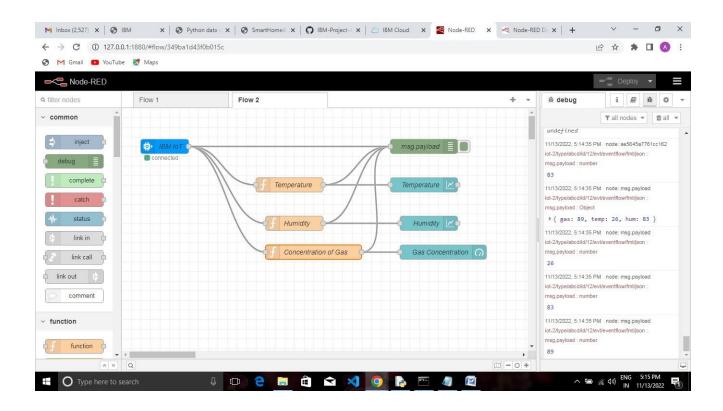
return msg;

Concentration of Gas: msg.payload = msg.payload.gas;

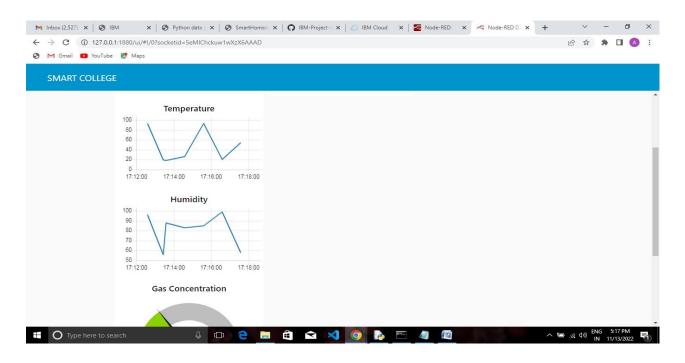
return msg;

Output:

Data is brought to Node-RED



Data is displayed in Dashboard



Data is displayed in Dashboard

