

Sprint – 2

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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:

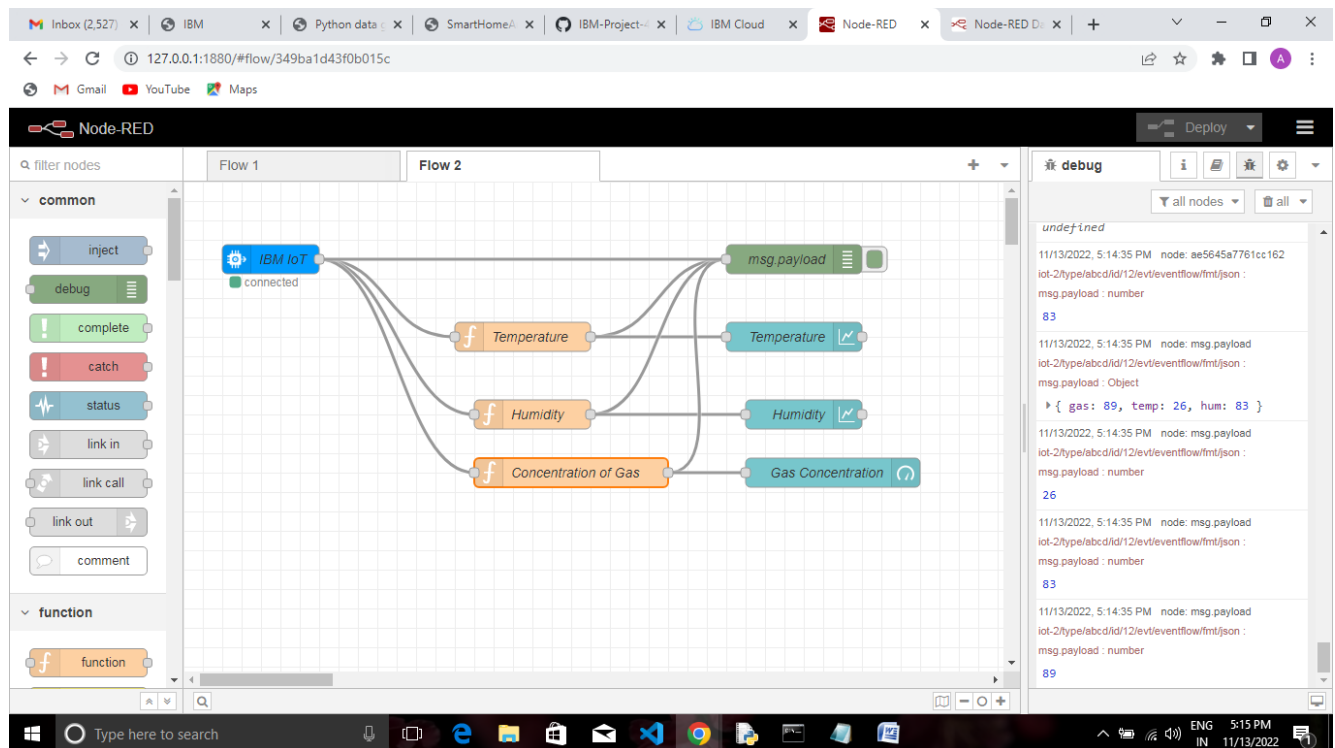
```
Temperature:      msg.payload = msg.payload.temp;
                  return msg;
```

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

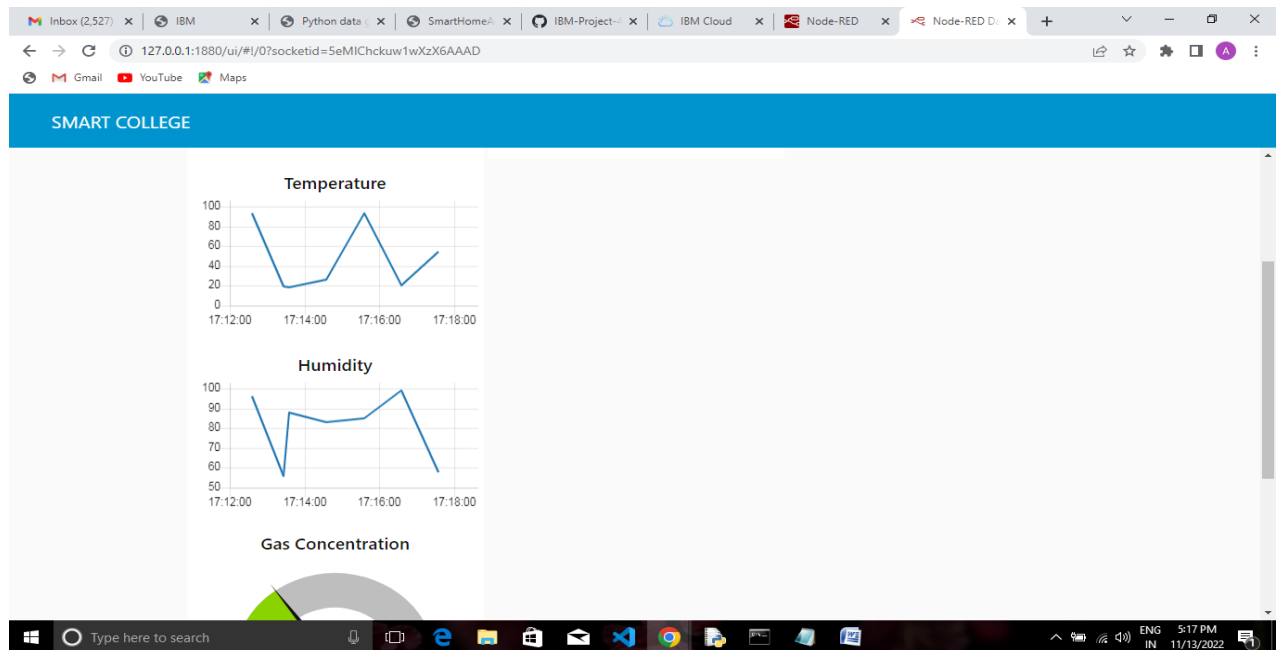
```
Concentration of Gas:    msg.payload = msg.payload.gas;
                        return msg;
```

Output:

Data is brought to Node-RED



Data is displayed in Dashboard



Data is displayed in Dashboard

