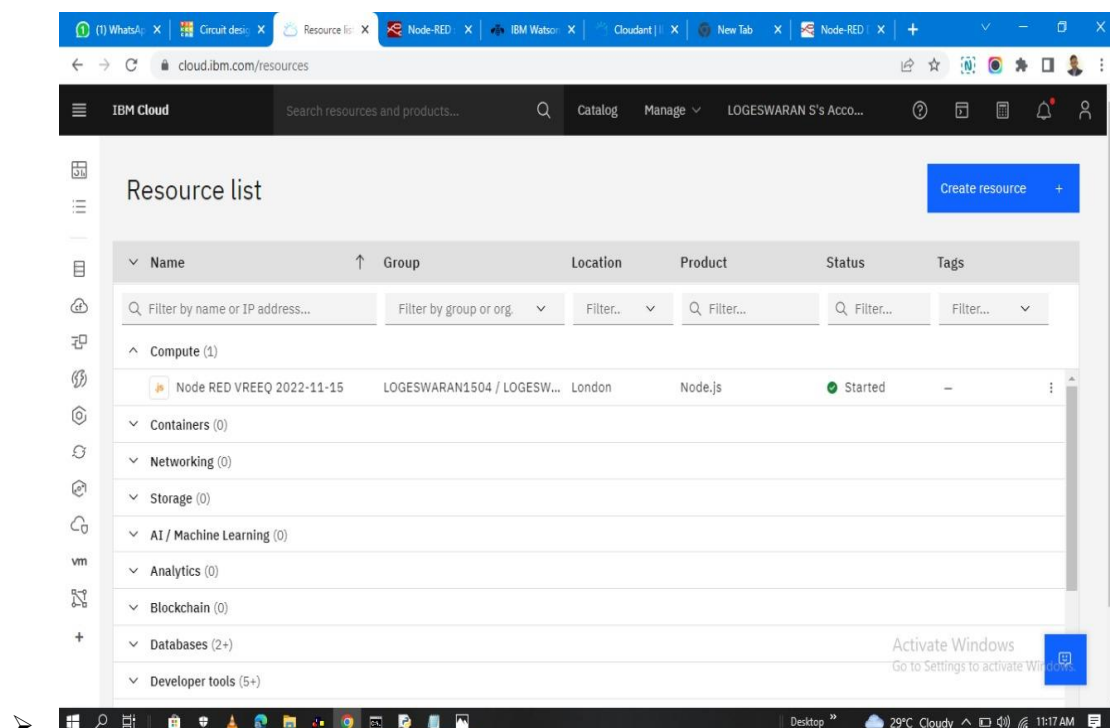


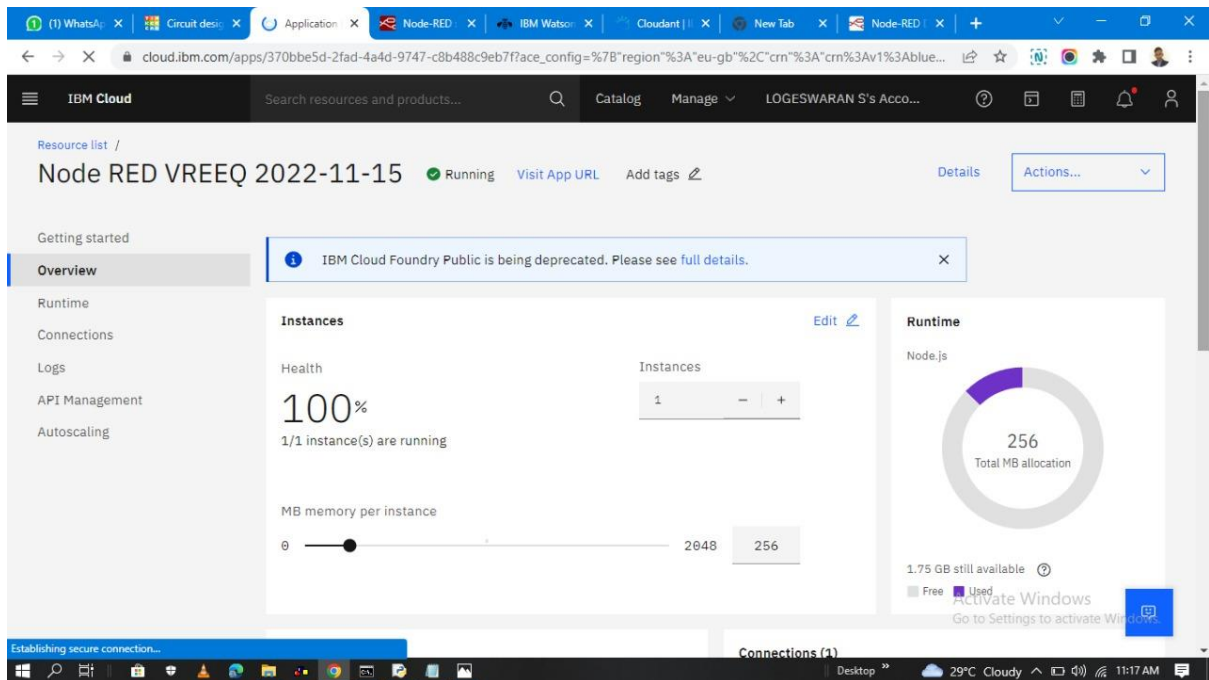
Creating a Node - Red Web Application To View Data In Separate Numerical Form

Date	11 November 2022
Team ID	PNT2022TMID18989
Project Name	Project - Gas Leakage Monitoring and Alerting System for Industries.

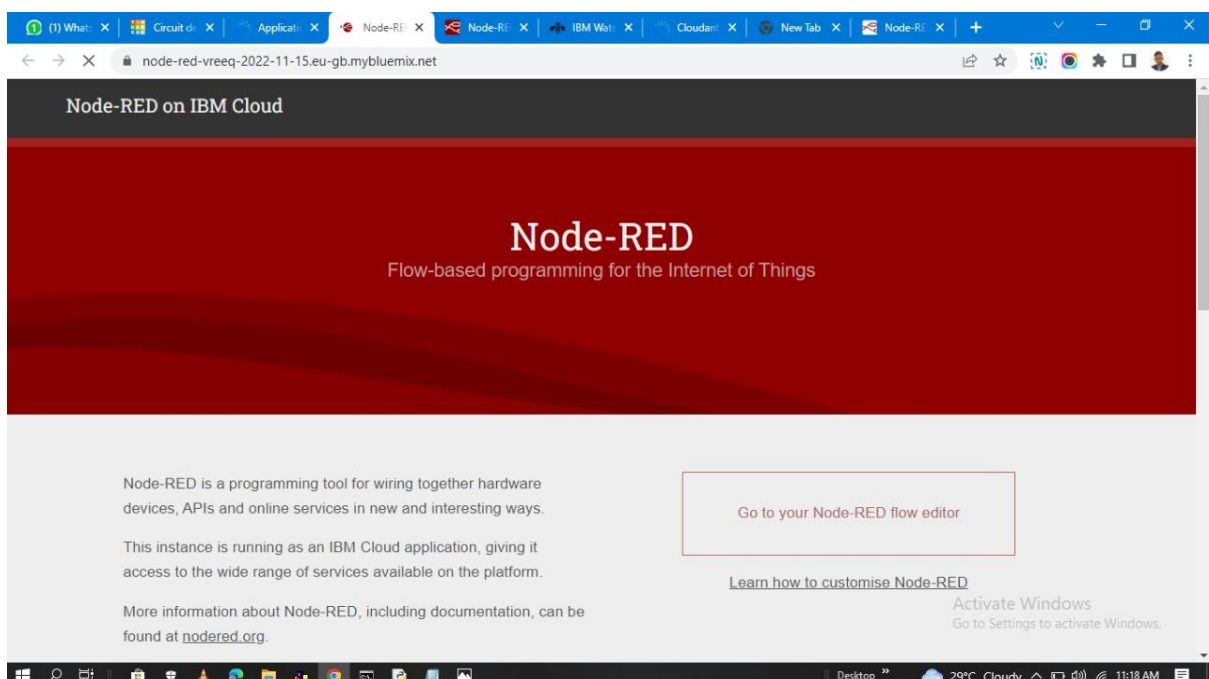
- In IBM cloud dashboard, click on Cloud Foundry apps



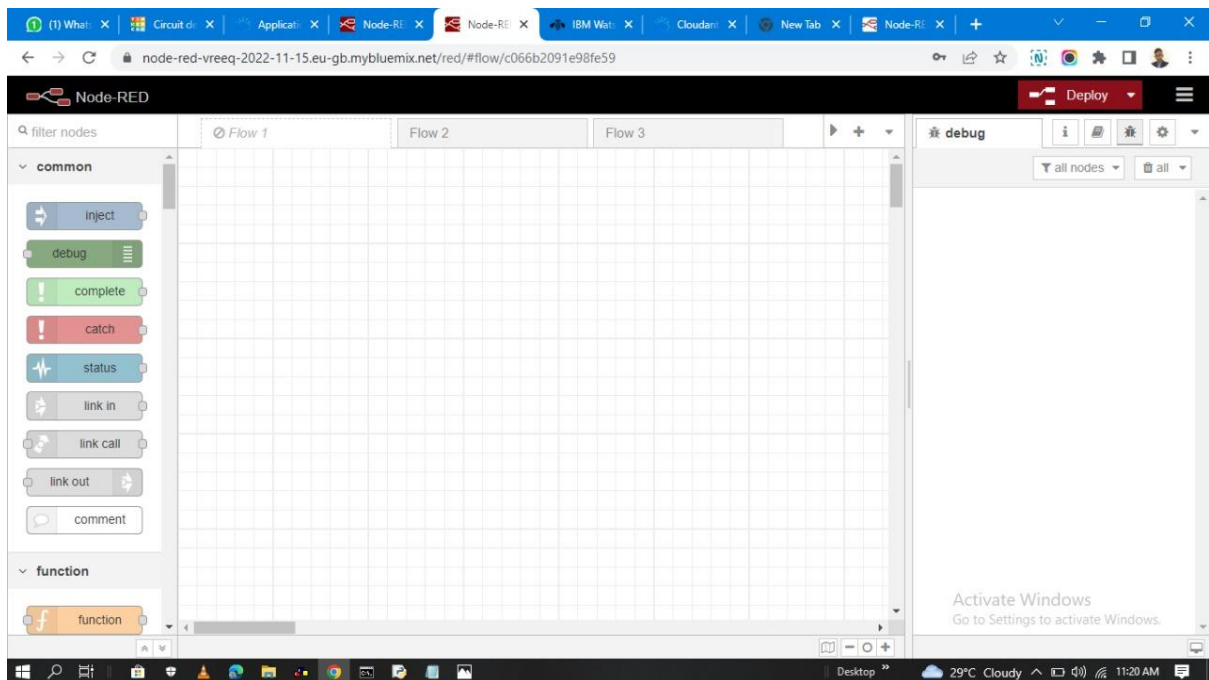
- A new window appears where we need to NODE-RED SELDZ app created before.



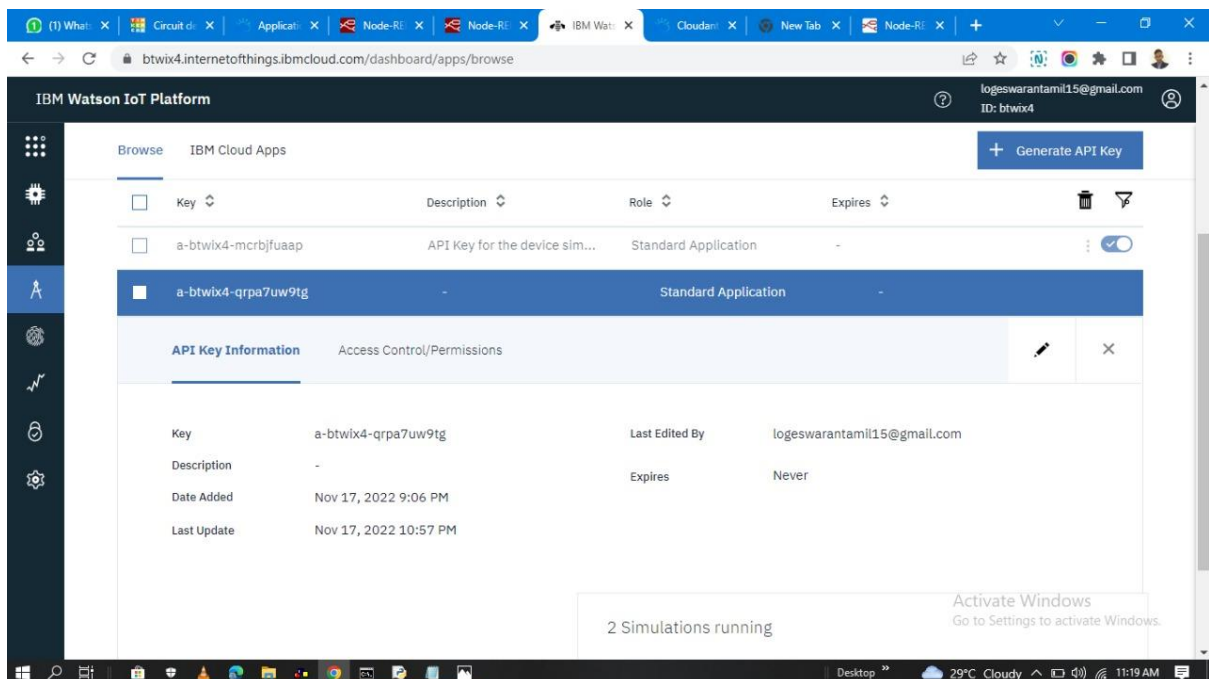
- Click on your Node-RED flow editor where you will be redirected to the Node-RED flow editor.



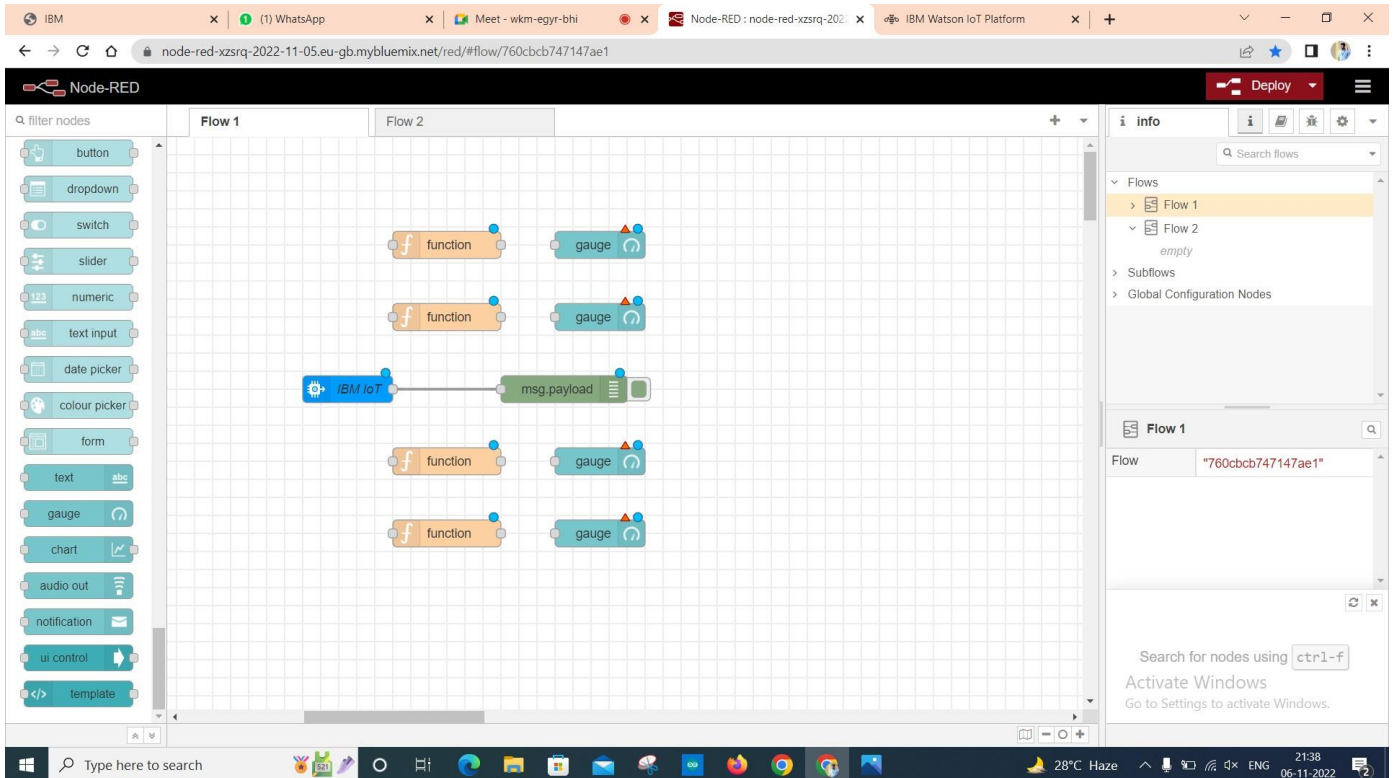
- To install IBM nodes in Node-red flow editor click on manage palette in the menu option which is on the top-right of the screen.



- **To generate API Key go to IBM IoT platform**
- In Apps Section -> Click on Generate API Key

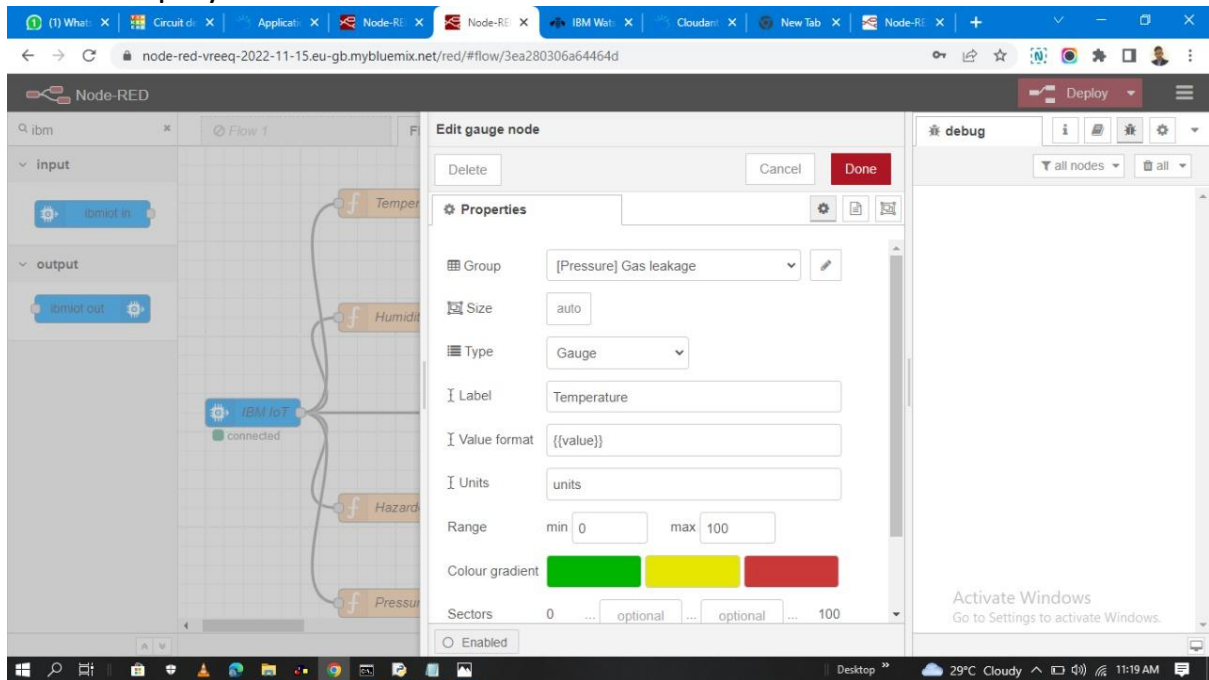


- Drag and place the function node and gauge node in the flow editor to separate the temperature and humidity value

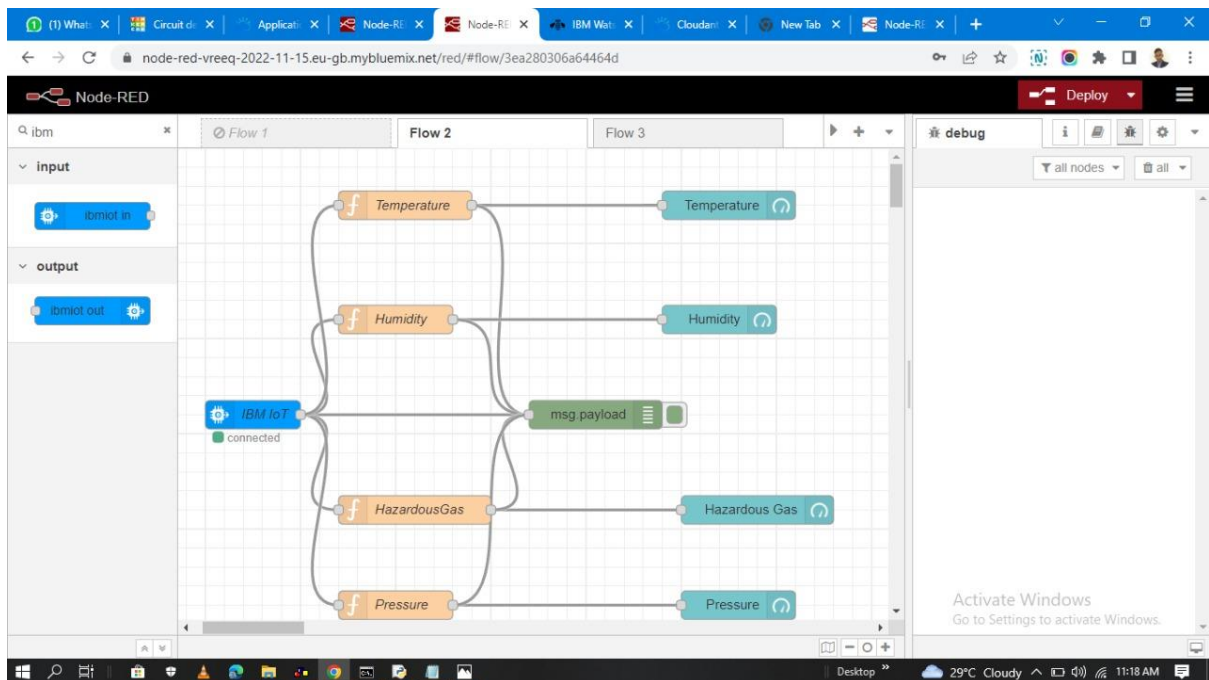


- Double click on function and update the details as follow,
- Type `msg.payload=msg.payload.Temperature` in one function.
- Type `msg.payload=msg.payload.Humidity` in another function
- Type `msg.payload=msg.payload.HazardousGas`
- Type `msg.payload=msg.payload.d.Pressure`
- To separate the humidity and temperature values from payload and click deploy

- Edit temperature, hazardous gas, pressure and humidity nodes and deploy it.



- After editing the nodes, deploy it



RESULT:

Thus ,the Node – Red Web Application is created successfully.

