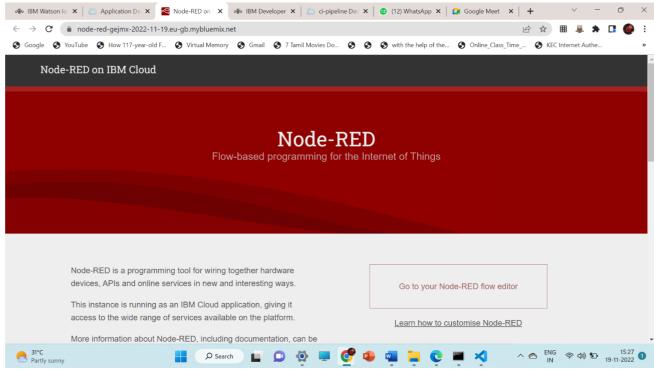
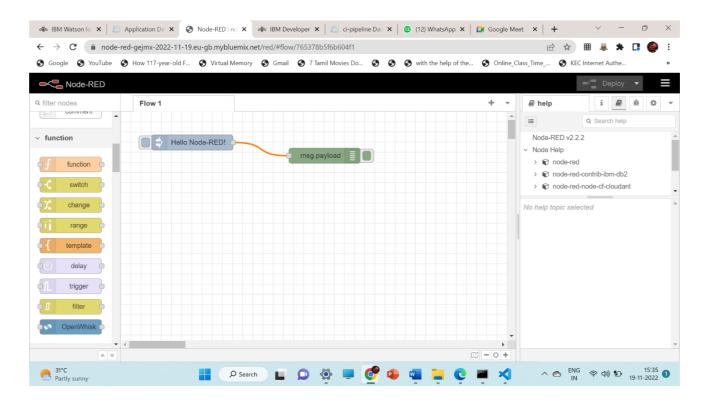
SPRINT 2:

| Date | 29 October 2022 |
|--------------|------------------------------------------|
| Team ID | PNT2022TMID04463 |
| Project Name | Project – Smart Farmer-IoT Enabled smart |
| | Farming Application |

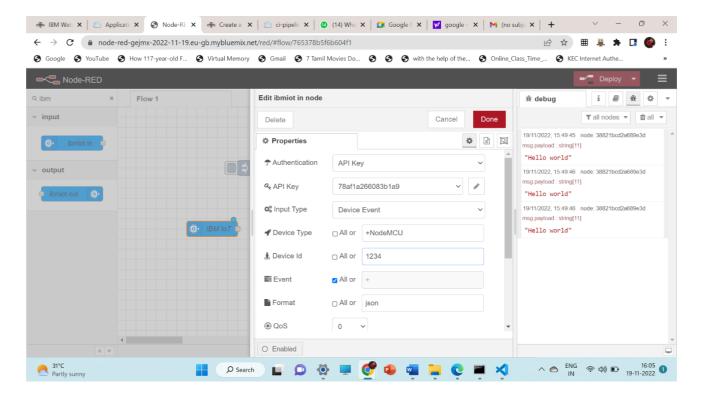
NODE-RED:



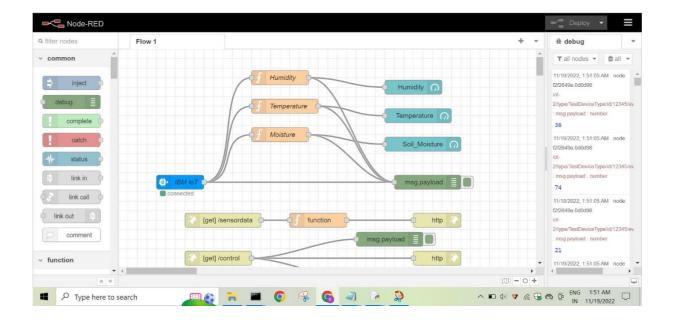


Configuration of Node-Red to collect IBM cloud data

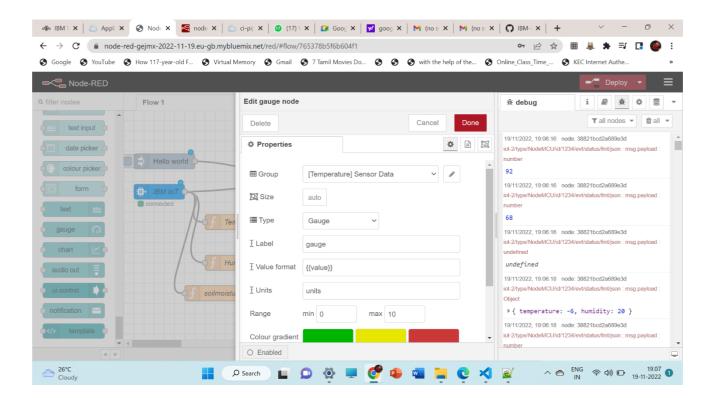
The node IBM IoT App In is added to the Node-Red workflow. Then the appropriate device credentials obtained earlier are entered into the node to connect and fetch device telemetry to Node-Red.

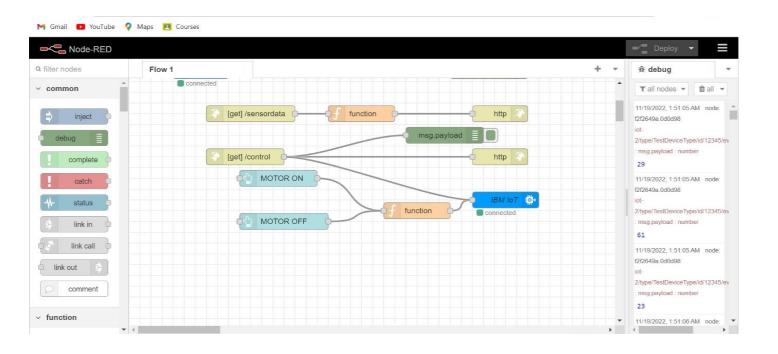


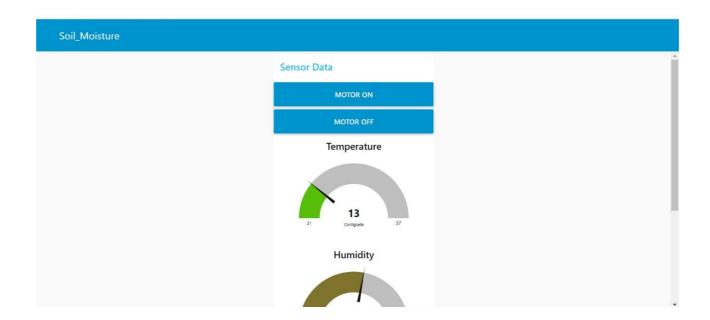
- Once it is connected Node-Red receives data from the device
- Display the data using debug node for verification
- Connect function node and write the Java script code to get each reading separately.
- The Java script code for the function node is: msg.payload=msg.payload.d.temperature return msg;
- Finally connect Gauge nodes from dashboard to see the data in UI



Nodes connected in following manner to get each reading separately









```
File Eds Shell Debug Options Window Help

File Eds Shell Debug Options Window Help

The Edge Shell

The Ed
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