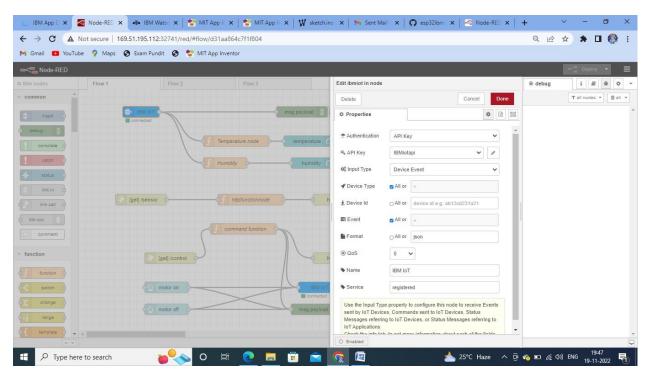
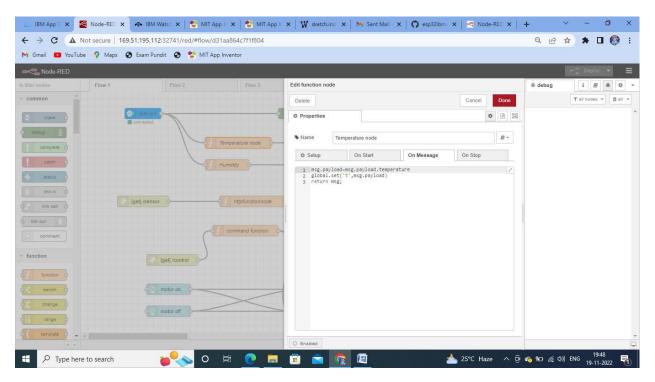
**Build A Web Application Using Node-Red** 

Team ID	PNT2022TMID14625
Project Name	Smart Farmer-IOT Enabled Smart Farming Application

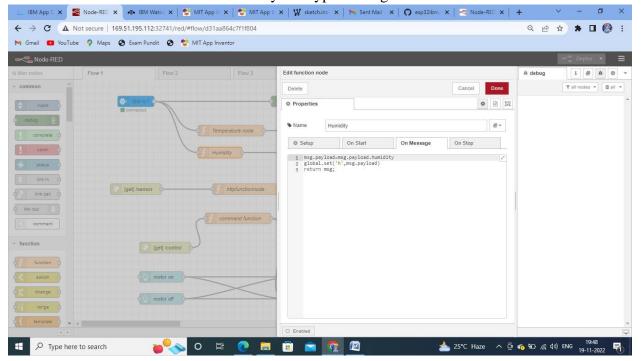
#1. First open Node RED workspace and drag IBM iot input into the workspace. It will as Ask API key, device id, device type etc.



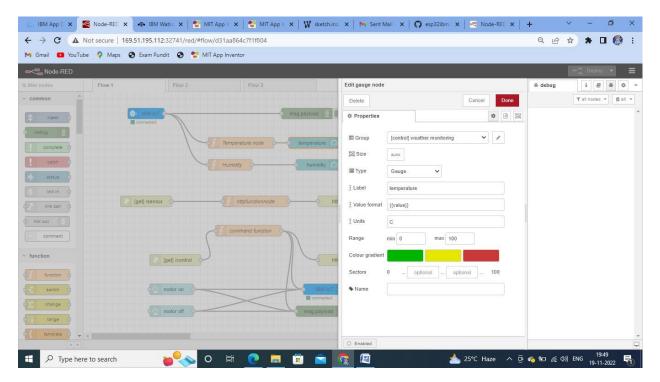
#2. Take a function node and rename it has a temperature and message in the editor.



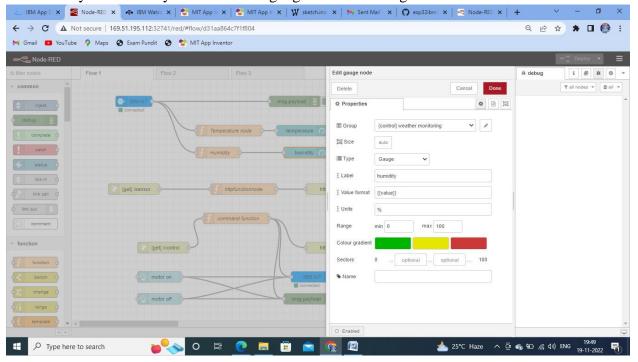
#3. Now take a function node for humidity and type message in the editor.



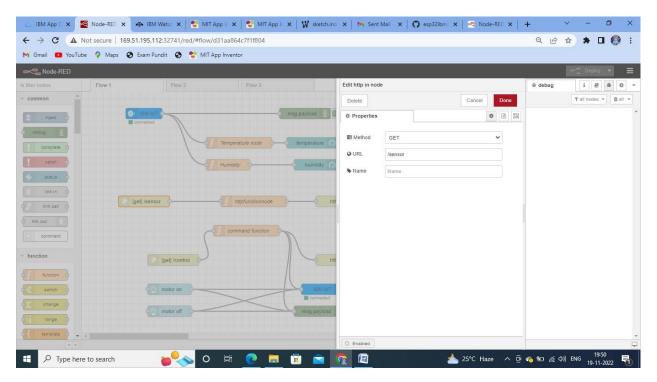
#4. Now take temperature gauge meter in the dashboard and give name as temperature and range 0 to 100.



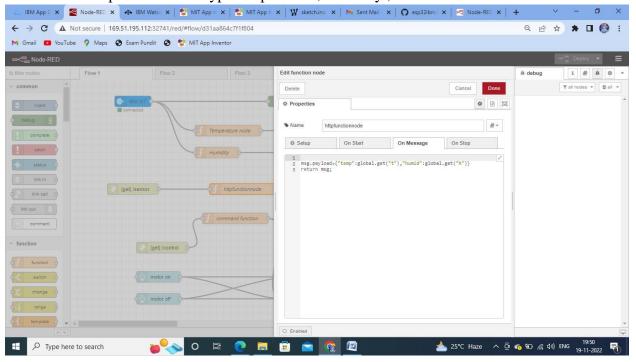
#5. Similarly for humidity u take another gauge meter and range 0 to 100.



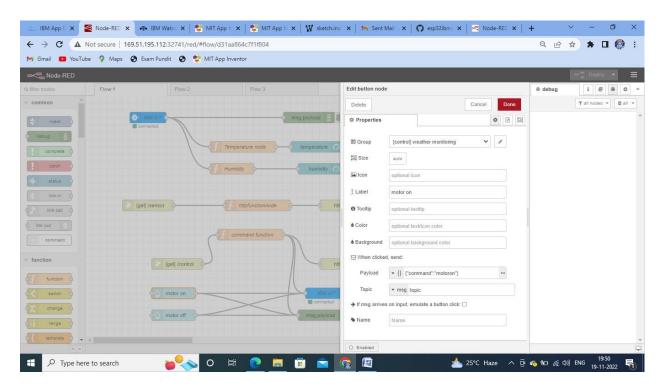
#6. Now change the http:// in into the get /sensor.



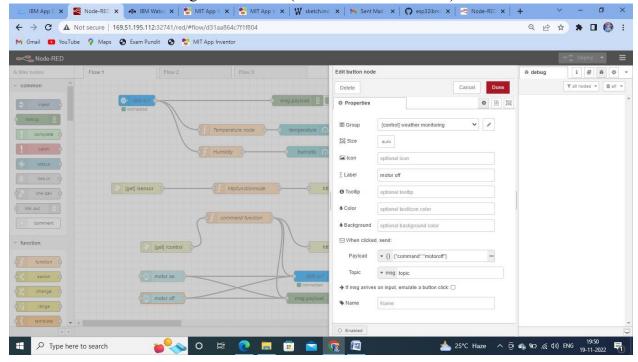
#7. Now take http function and type temperature, humidity, and soil etc.



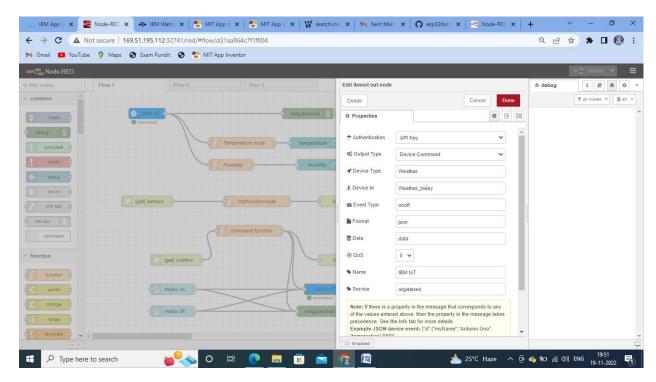
#8. Now take Motor on and give command {"command":"motoron"}



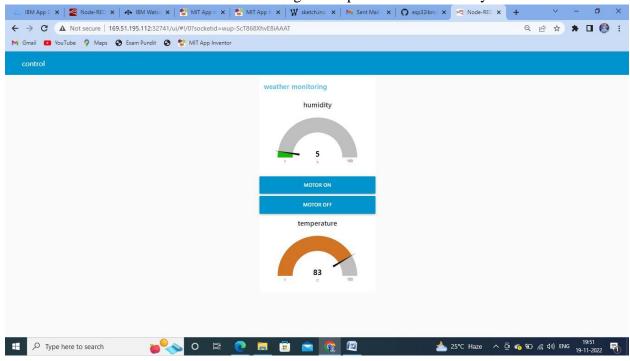
#9. Now take Motor off and give command {"command":"motoroff"}



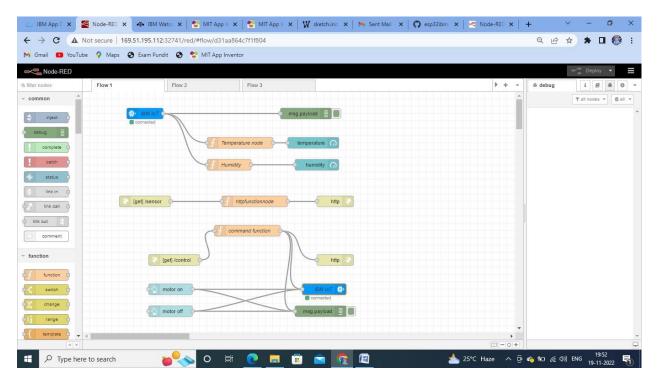
#10. Now take the IBM iot out and connect the motor on and motor off.



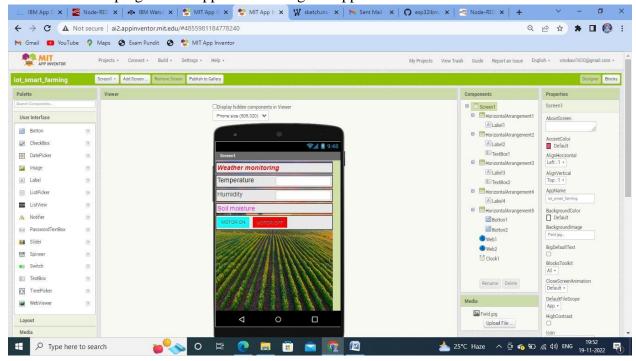
These is the node-red dashboard to see reading of temperature and humidity and soil moisture.



Finally we can connected as shown below:



#11. Now developing mobile application using mit app inventor.



These are the blocks of the mit app inventor.

