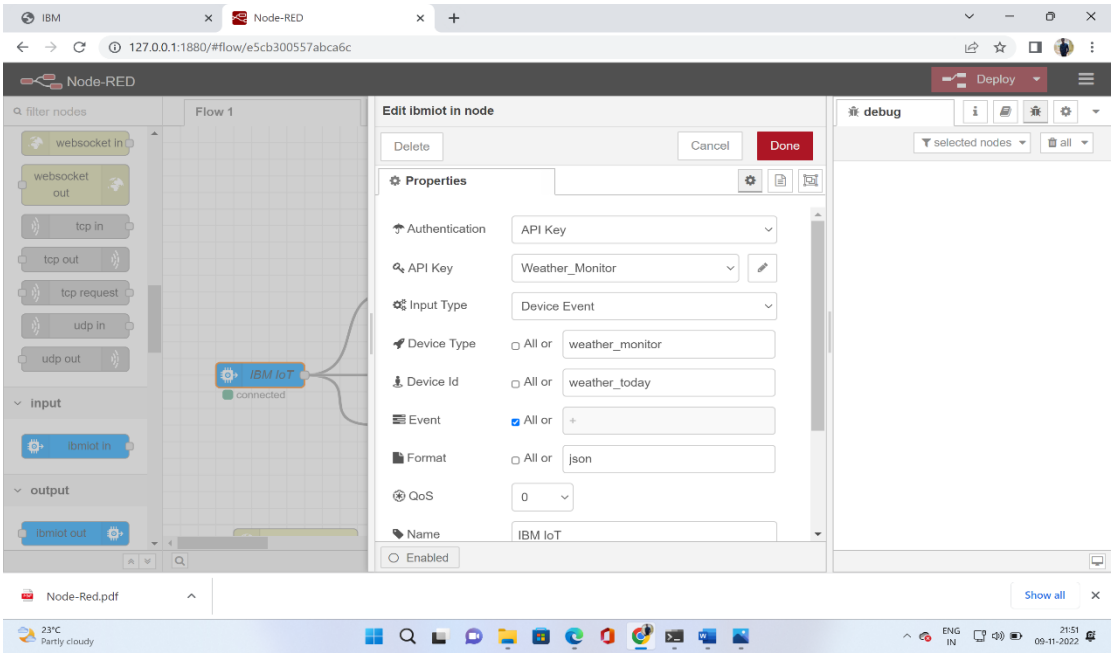
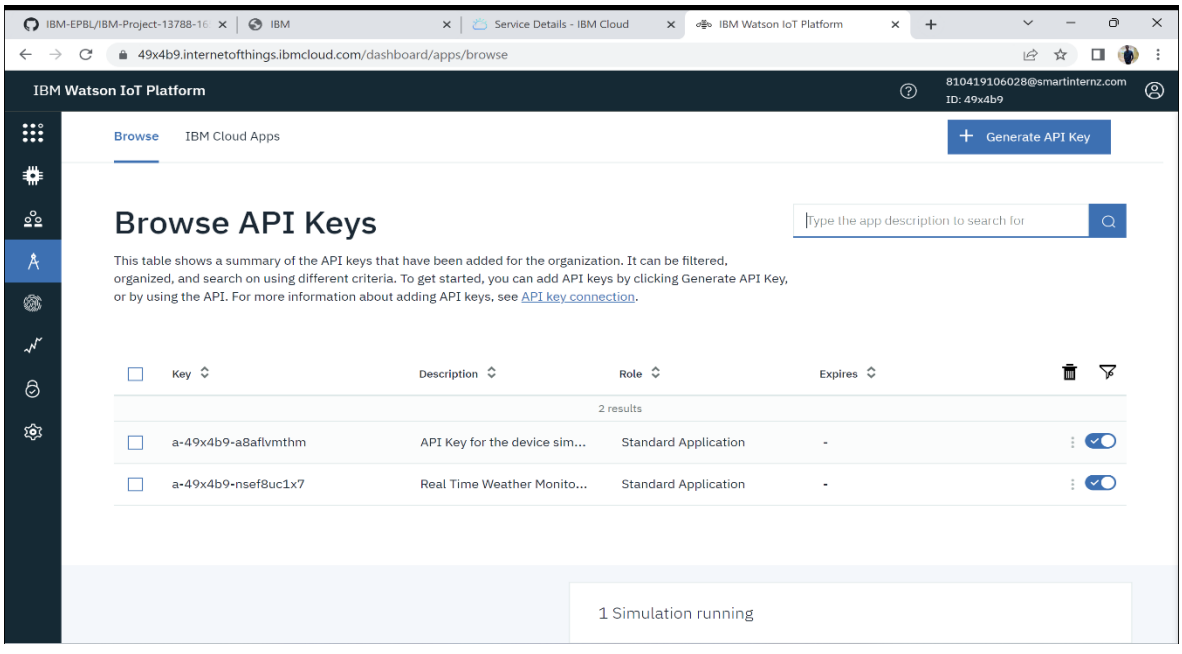
Build A Web Application Using Node-Red

Team ID	PNT2022TMID08469
Project Name	Smart Farmer-IOT Enabled Smart Farming Application

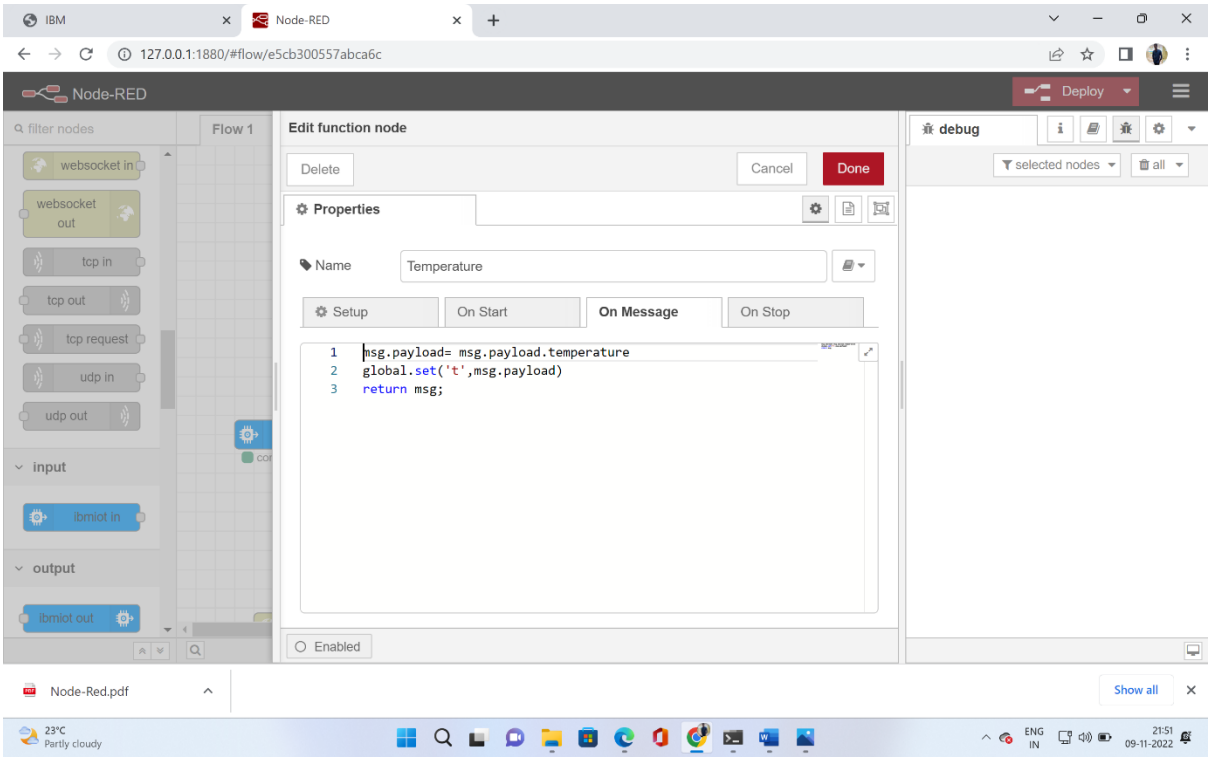
First open Node RED workspace and drag IBM iot input into the workspace. It will as Ask API key, device id ,device type etc.



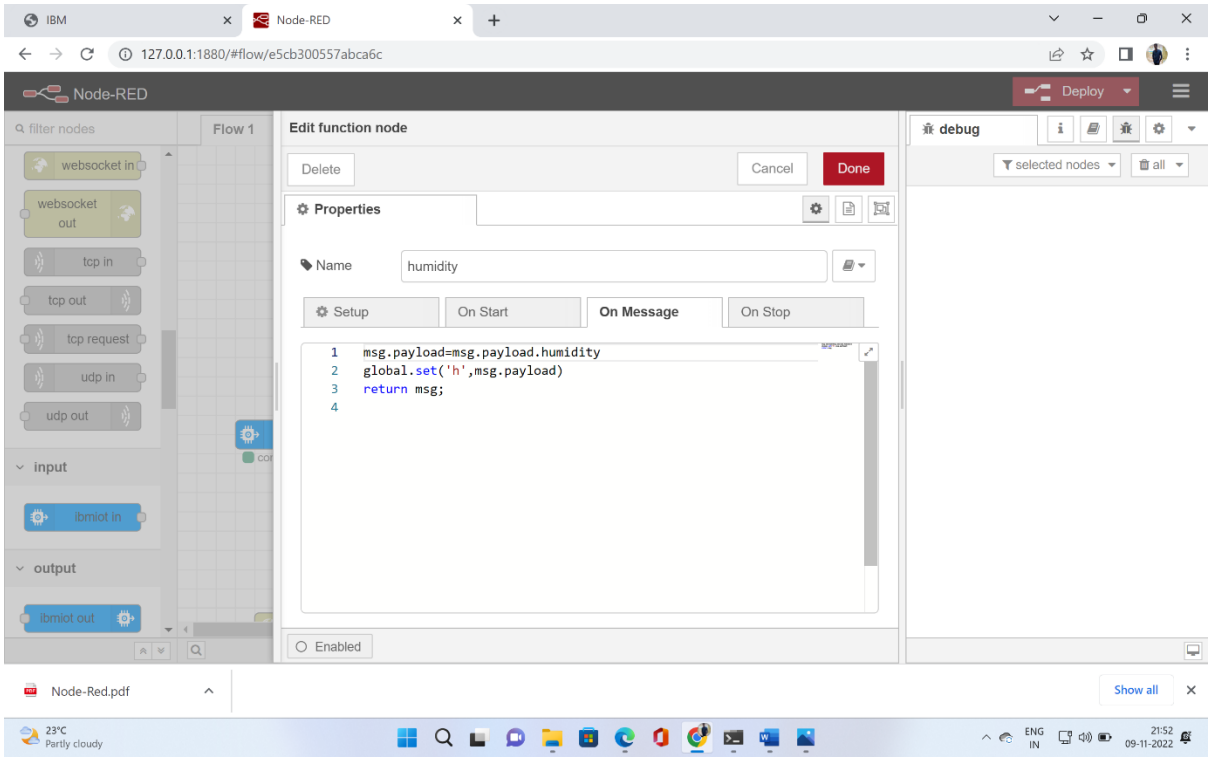
For Generating API keys open IBM Watson and click Apps and Generate API key it shown below like these:



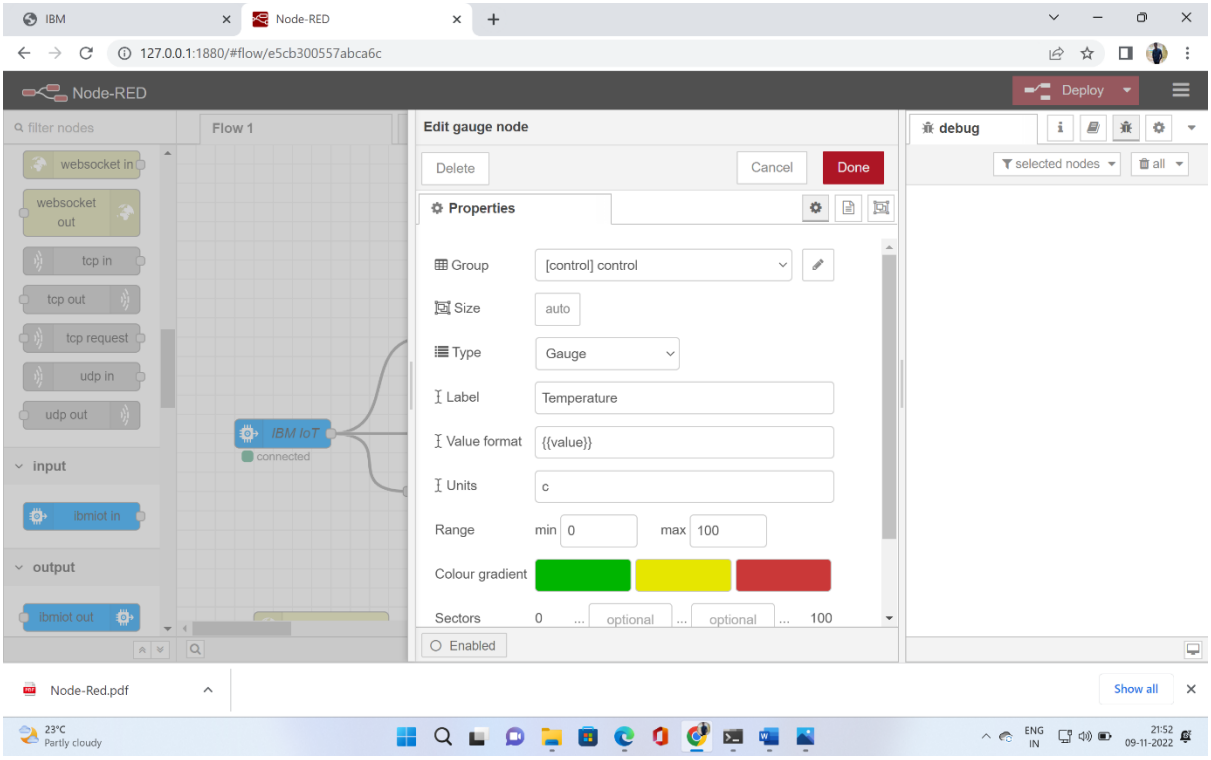
And take a function node and rename it has a temperature and message in the editor.



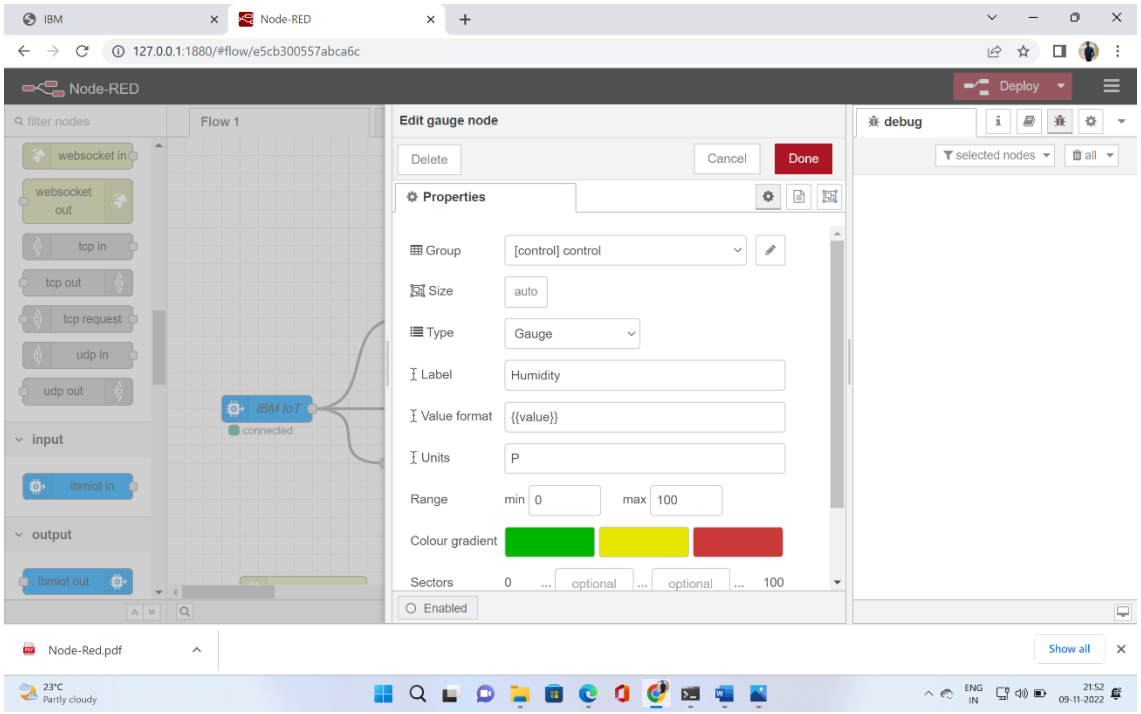
Smiliarly take a function node for humidity and type message in the editor.



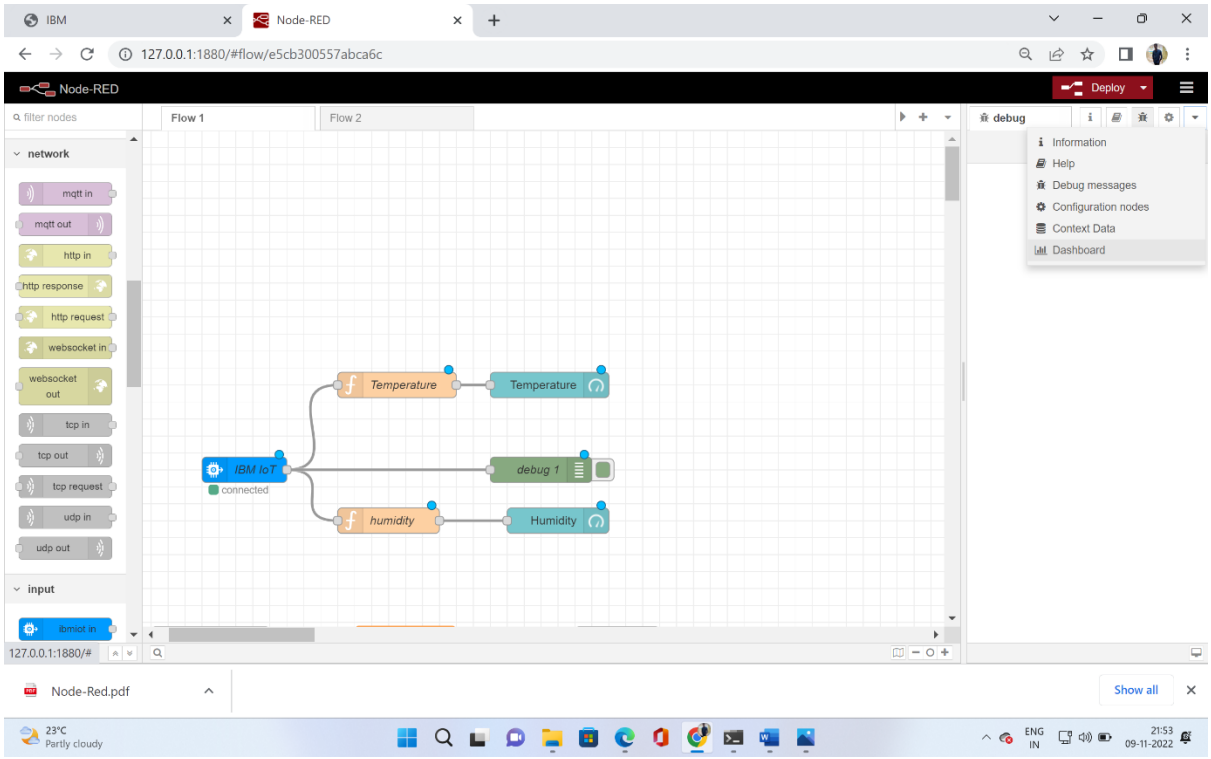
Now take temperature guage meter in the dashboard and give name as temperature and range 0 to 100.



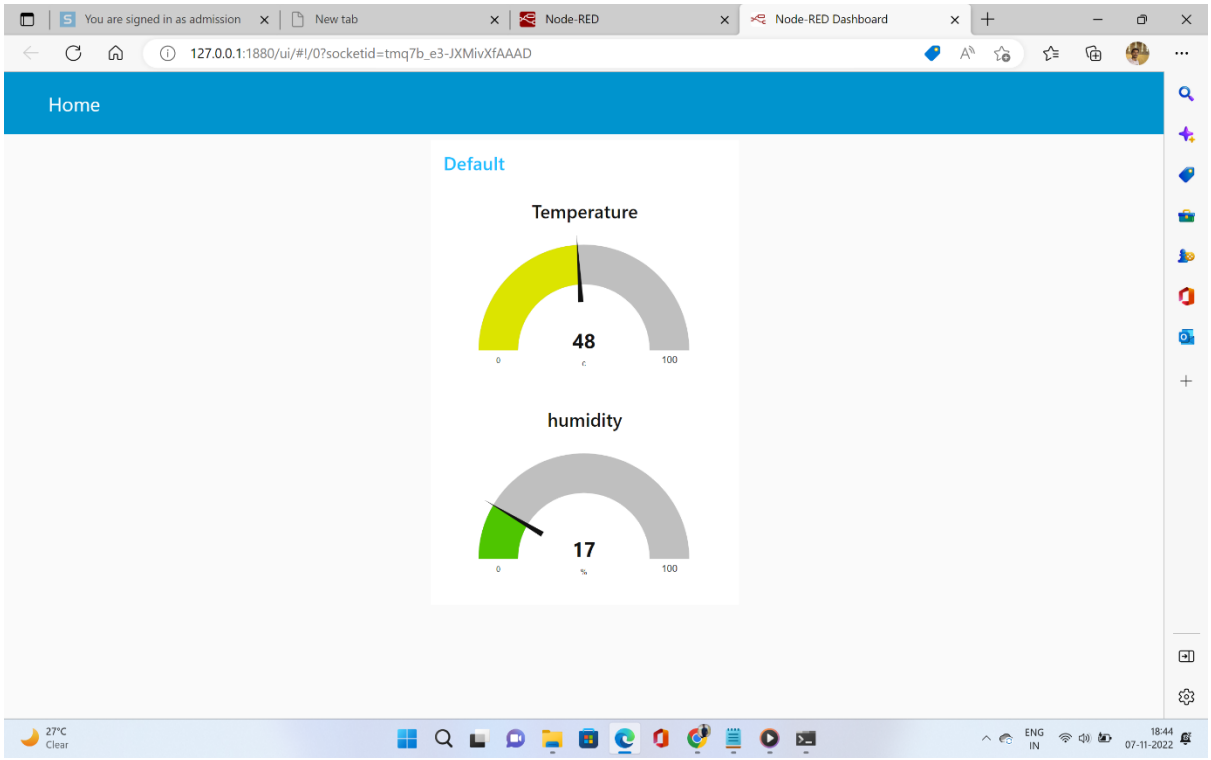
Smiliarly for humidity u take another gauge meter and range 0 to 100



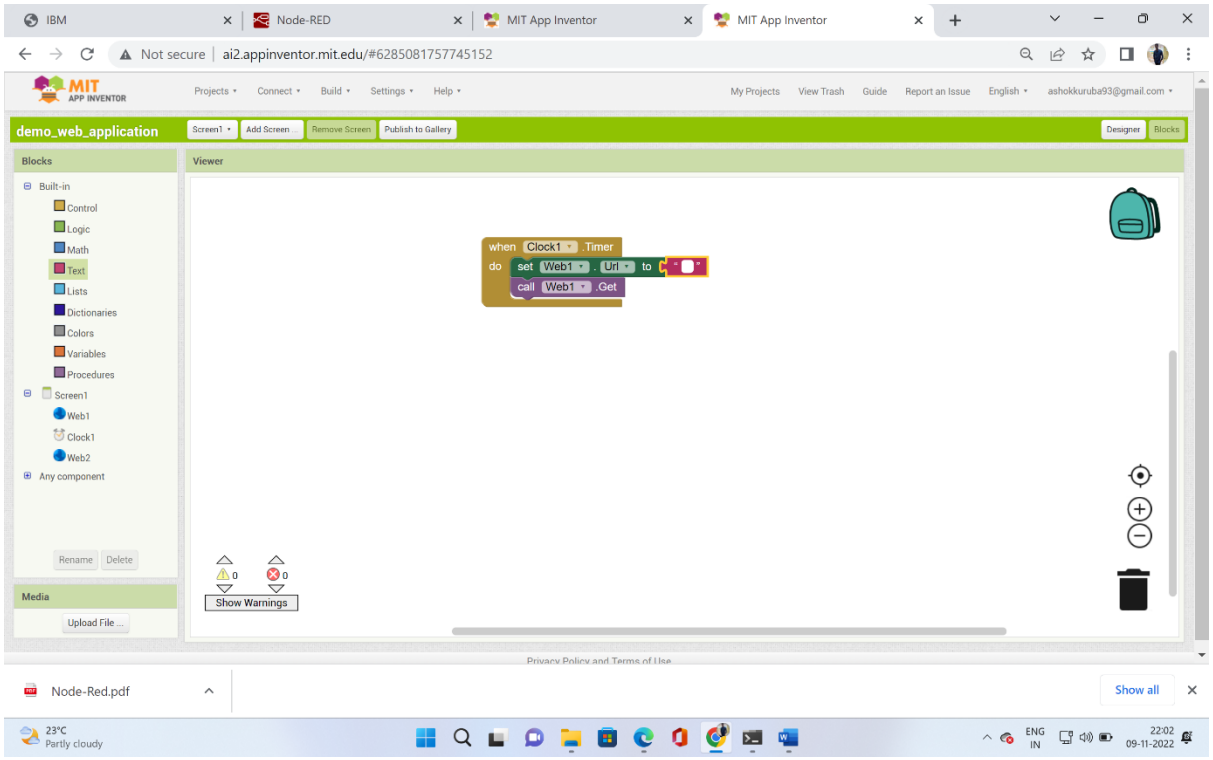
Finally we can connected as shown below:



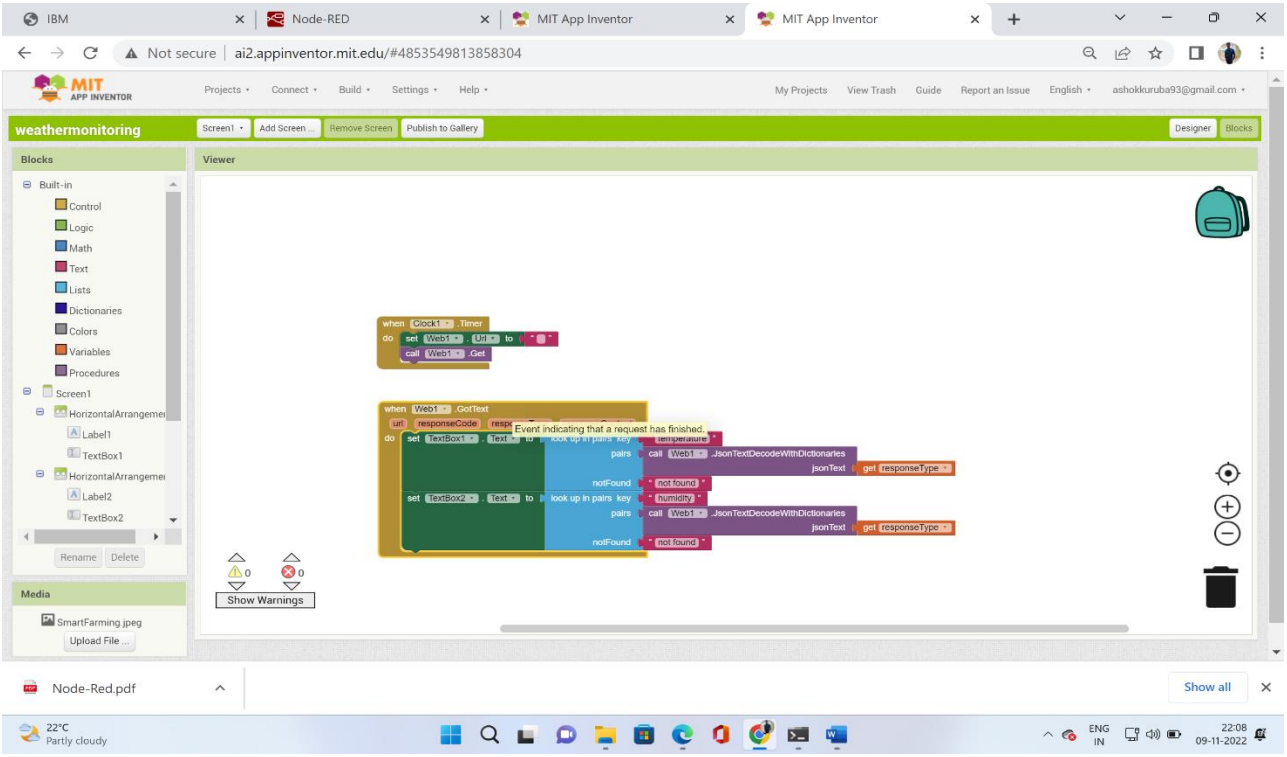
The Gauge metre is showing reading below like these:



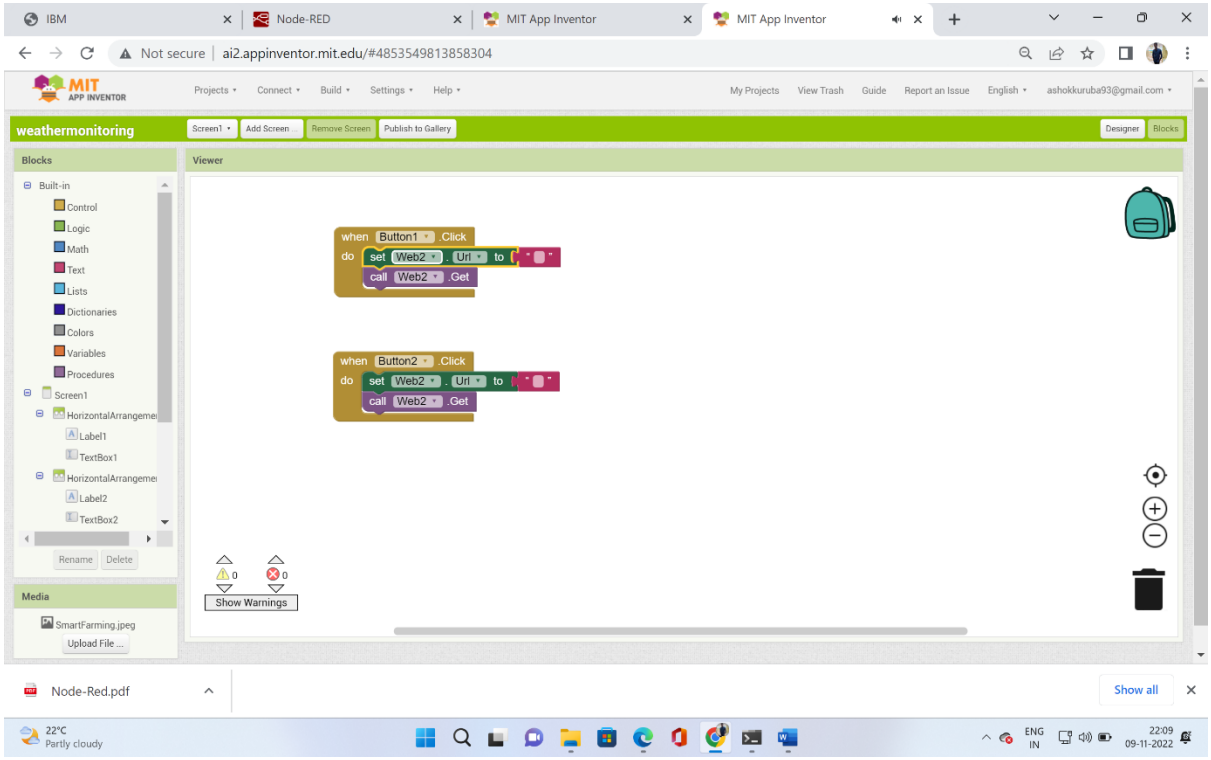
Now open mit app inventor and click blocks and select the clock and copy the link in the nodered web site and paste in web application url.



Now take web1 and give name as temperature and humidity.



Now take the button-1,button-2, and copy their links from nodered and paste in the web application:



Now we successfully connected the nodered with the Mobile application.