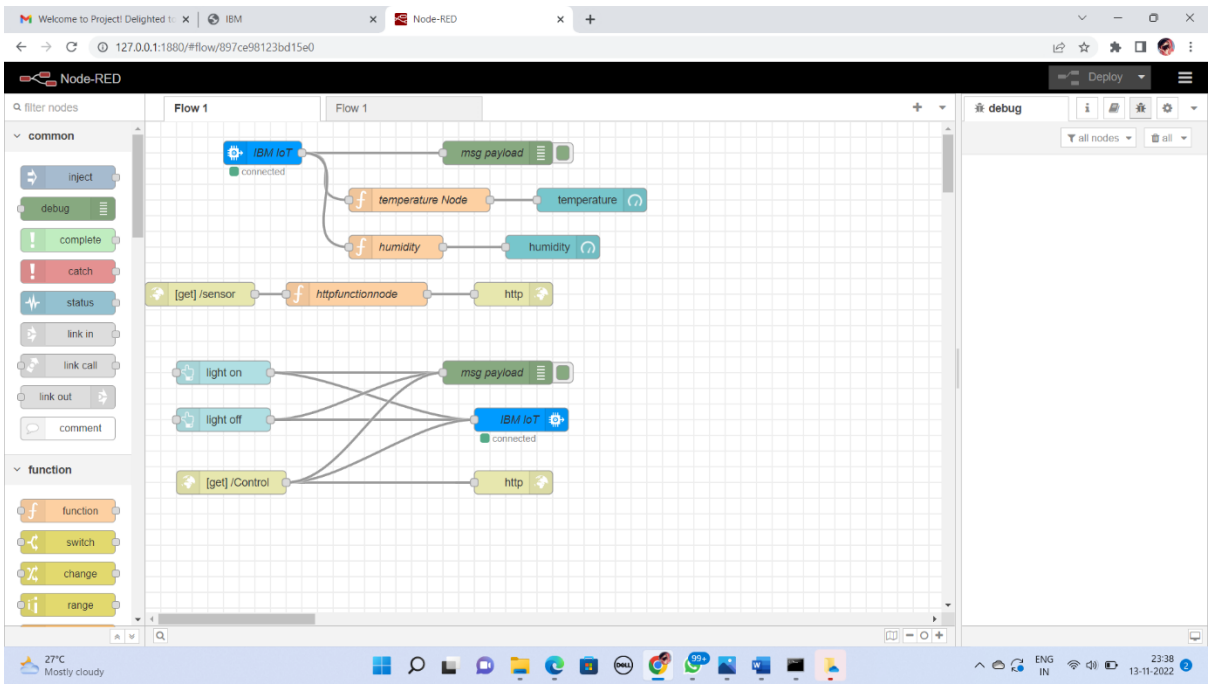
Build A Web Application Using Node-Red

Date	14 Nov 2022
Team ID	PNT2022TMID34110
Project Name	SmartFarmer-IoT Enabled Smart Farming Application

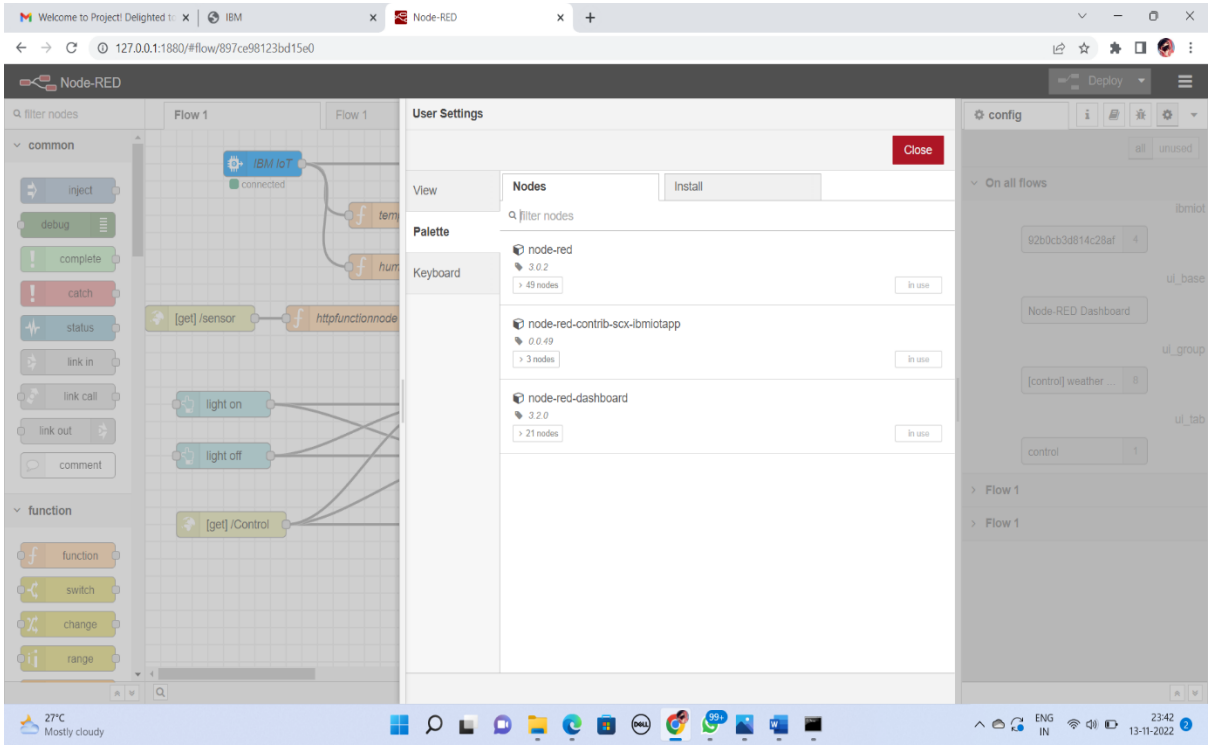
Step-1:

Login into IBM Cloud and open your Node-Red app.



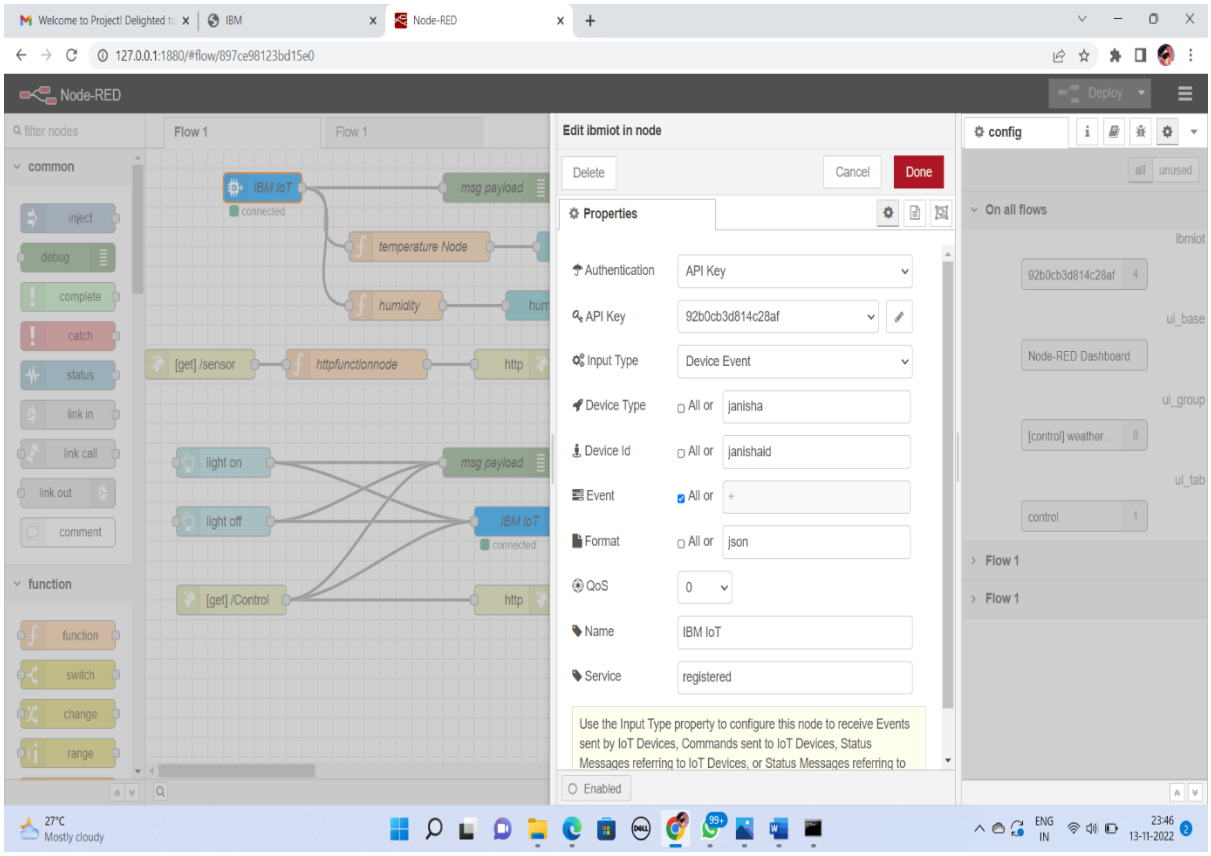
Step-2:

For IBM Cloud connection you need certain nodes which can be installed by going to Manage Palette and then install required nodes.



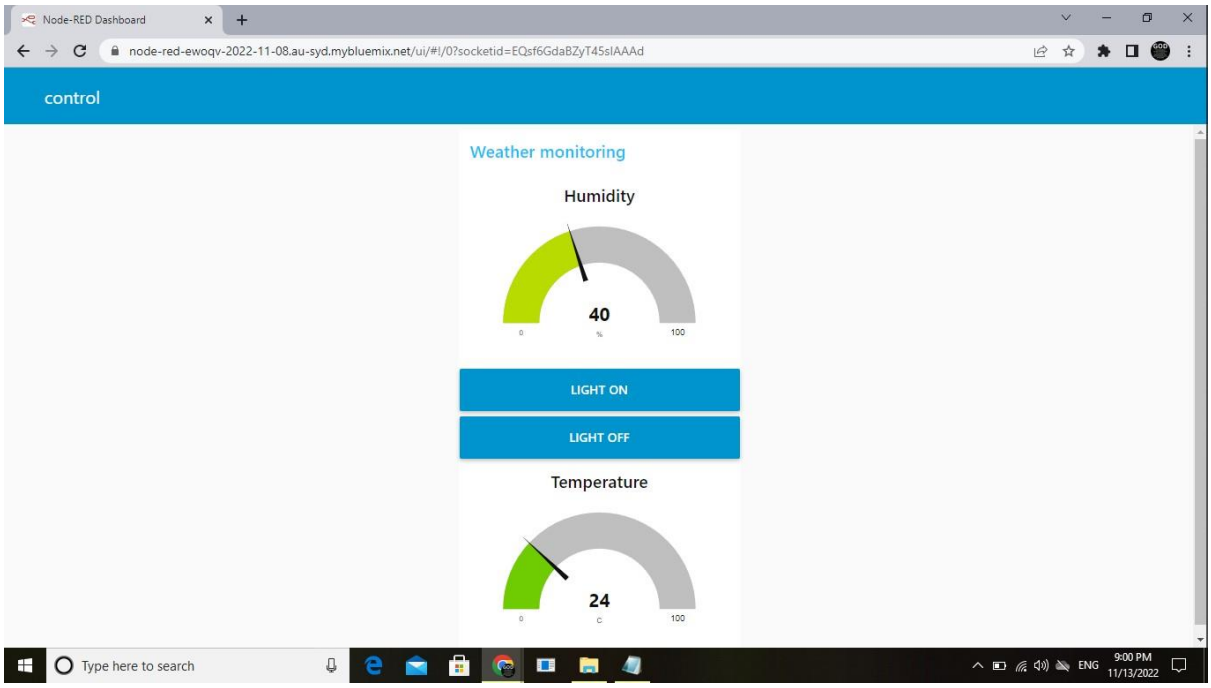
Step-3:

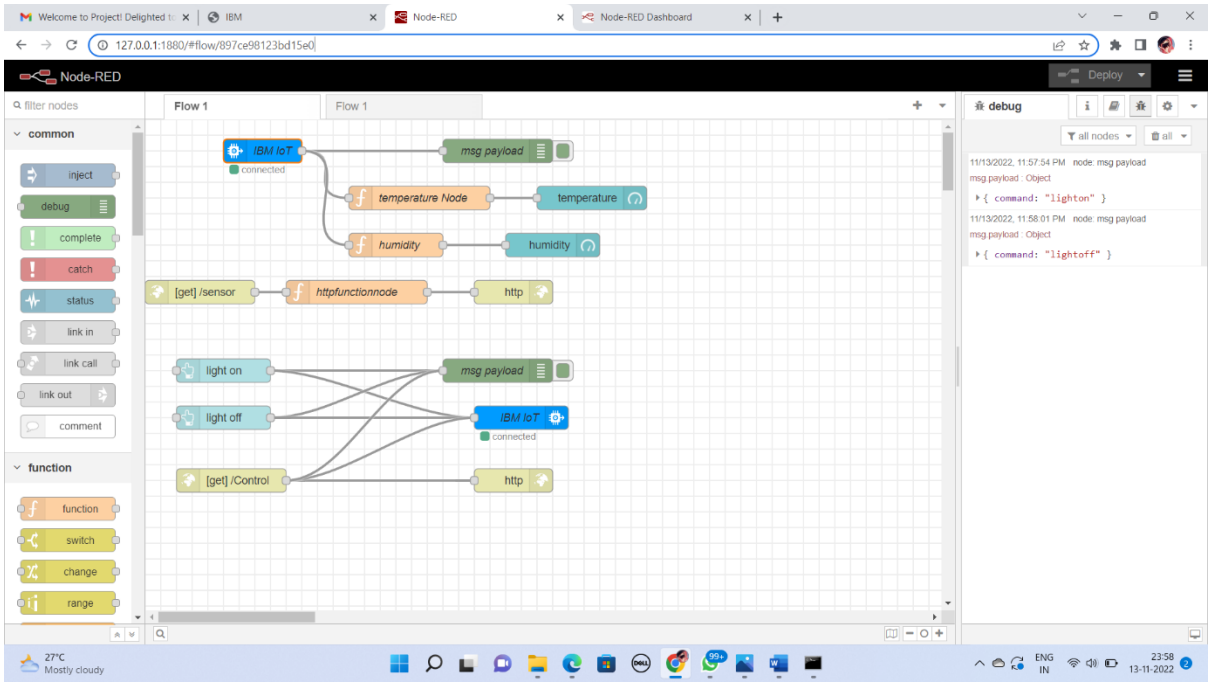
Now you can connect your cloud by entering API Credentials and enter device details.



Step-4:

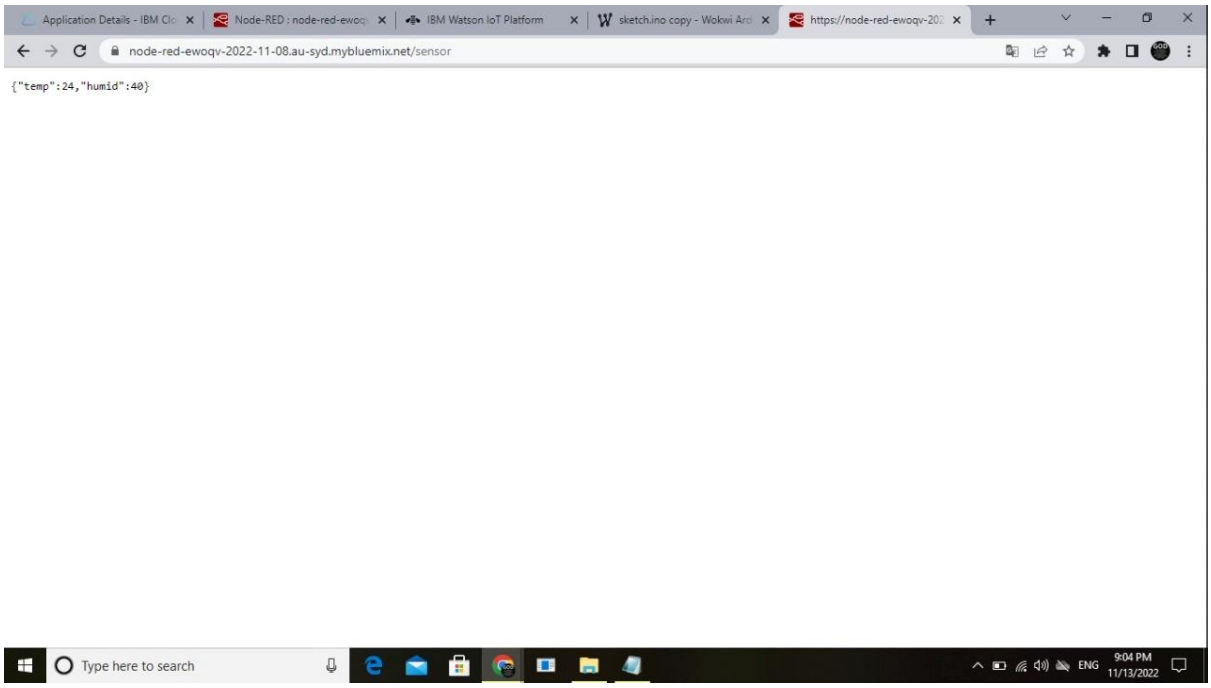
You can see web ui by adding ui after your url.





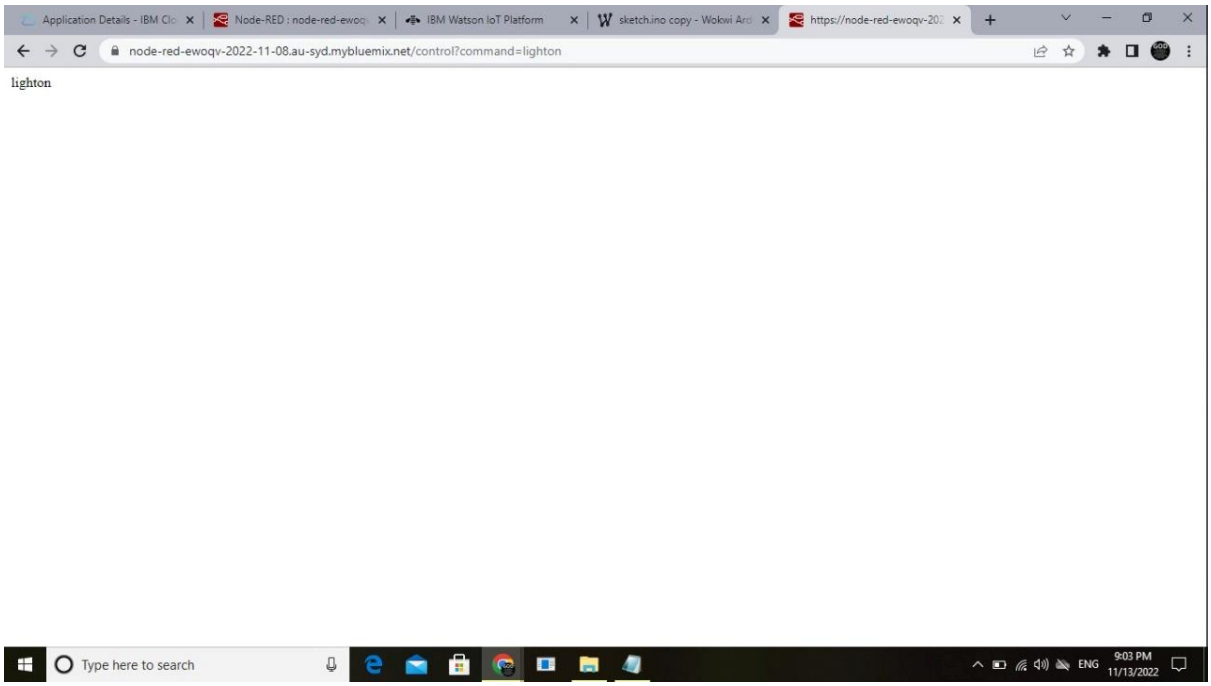
Step-5:

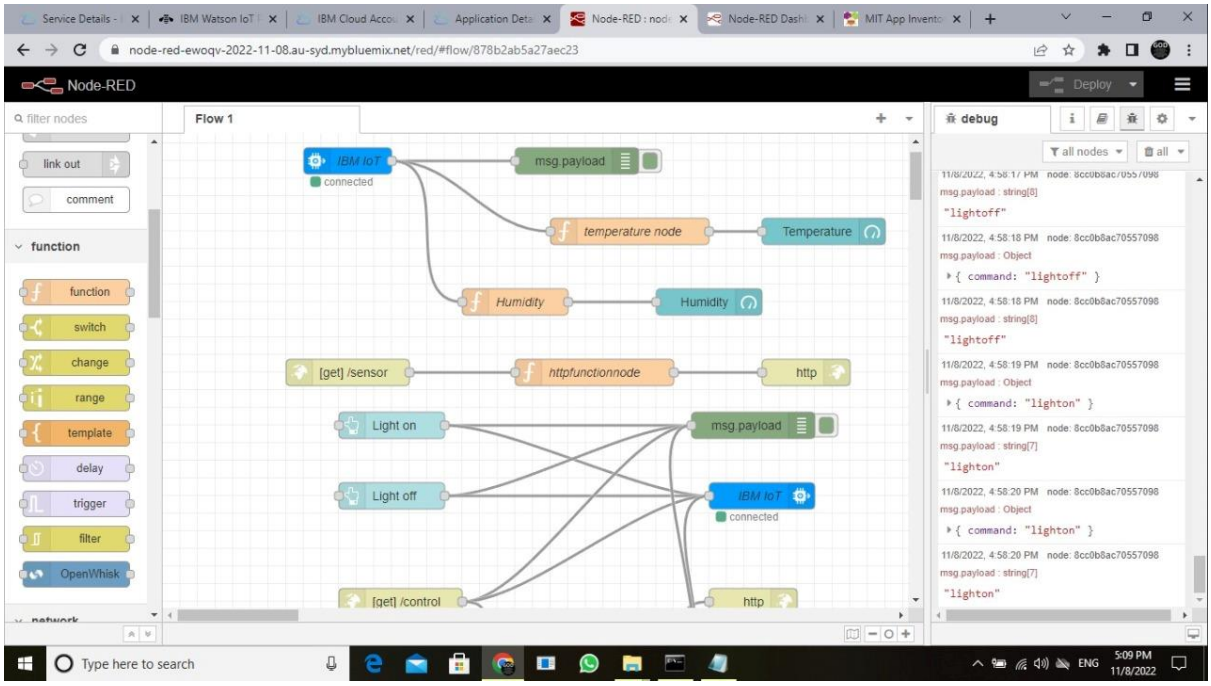
Sending data through http url.



Step-6:

Sending command through http url.




Node-RED
Deploy
Flow 1
IBM IoT
connected
msg.payload
temperature node
Temperature
Humidity
Humidity
[get] /sensor
httpfunctionnode
http
Light on
msg.payload
Light off
IBM IoT
connected
[get] /control
http
debug
all nodes
all
"lightoff"
{ command: "lighton" }
"lighton"
link out
comment
function
switch
change
range
template
delay
trigger
filter
OpenWhisk
Type here to search
ENG
5:09 PM
11/8/2022