BUILD A WEB APPLICATION USING NODE-RED SERVICE
Build a web application using Node - Red

Team ID	PNT2022TMID21246
Project Name	Smart Farmer – IoT based smart farming application

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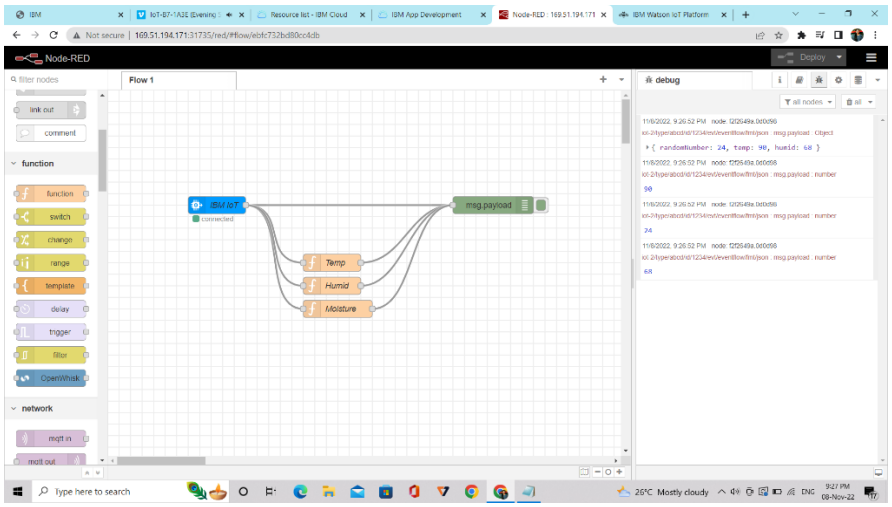
Team Member: ABIRAMIPRIYA J

Team Member: KALAISELVI S

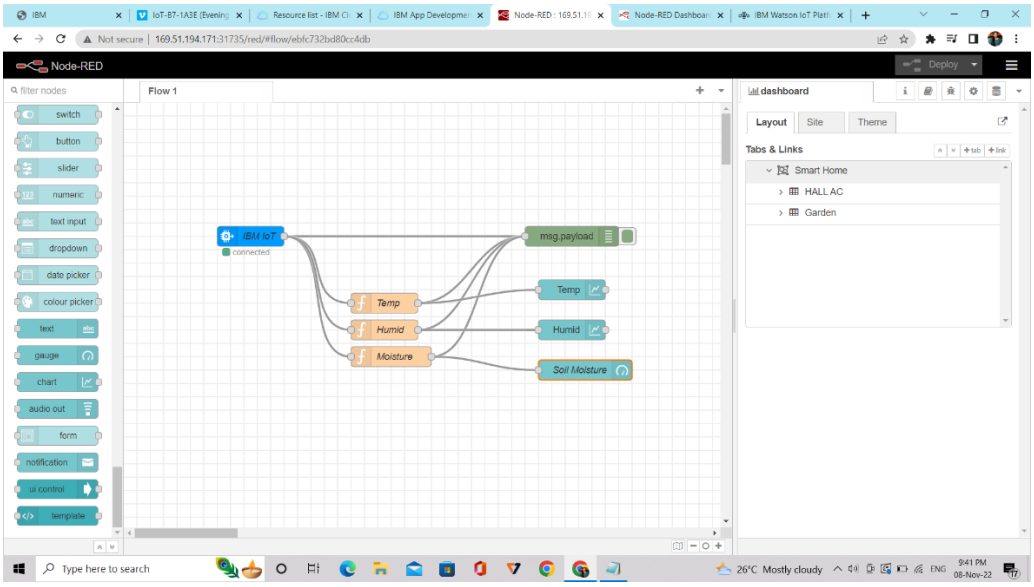
Team Member: KAVIYA D

CREATION OF SMART HOME WEB APPLICATION USING NODE RED:

INSERTING THREE FUNCTION NODES IN NODE RED AND CONNECTING WITH THE DEVICE IN THE IBM WATSON:

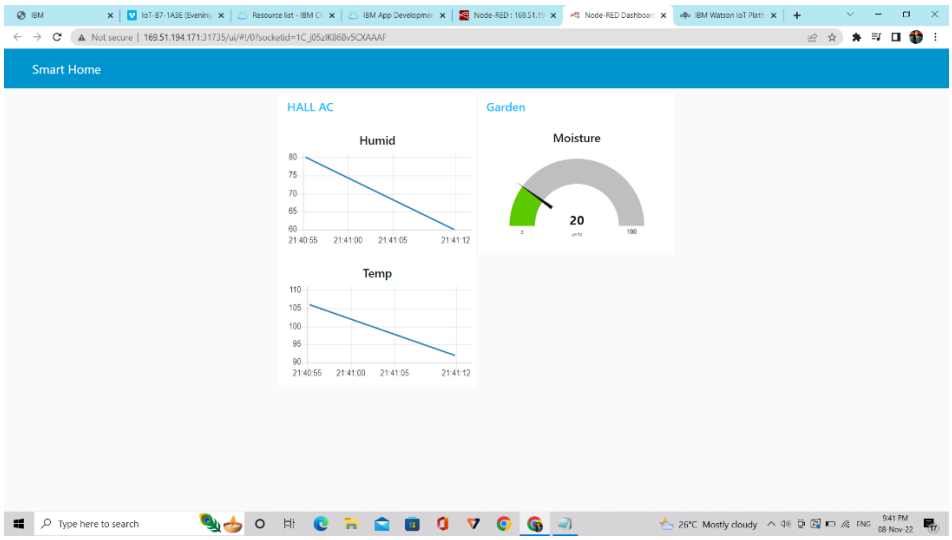


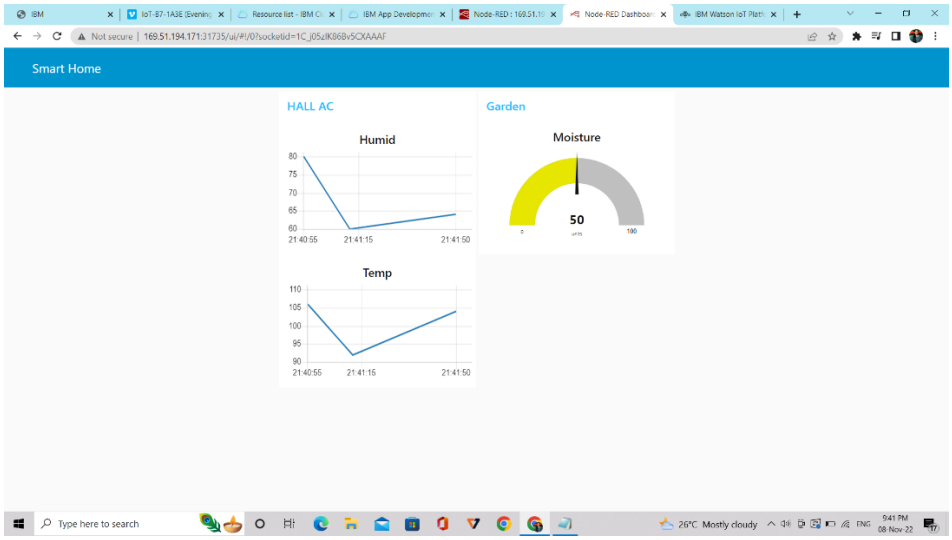
CONNECT NODES FOR VISUALIZING THE RESULTS IN THE DASHBOARD:

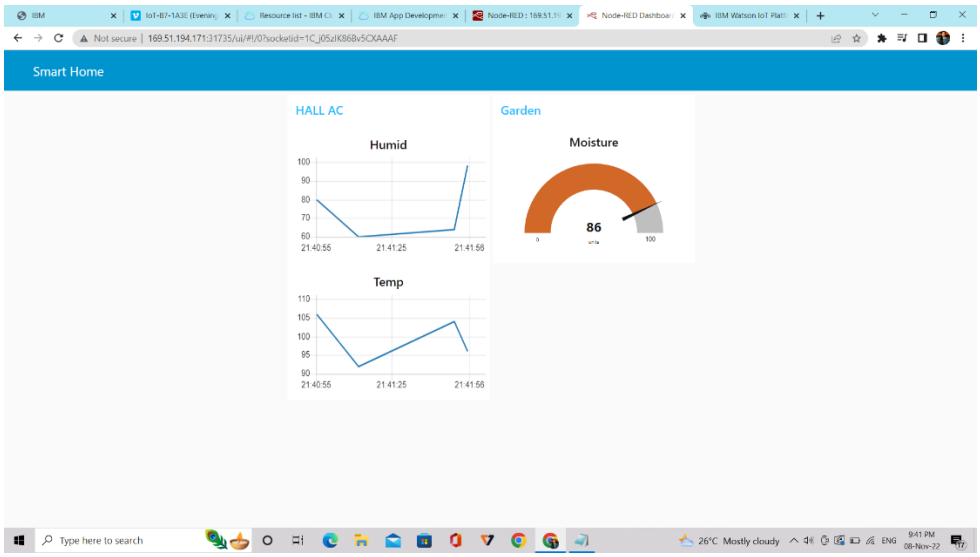


CLICK ON DEPLOY IN NODE RED AND OPEN NODE RED DASHBOARD:

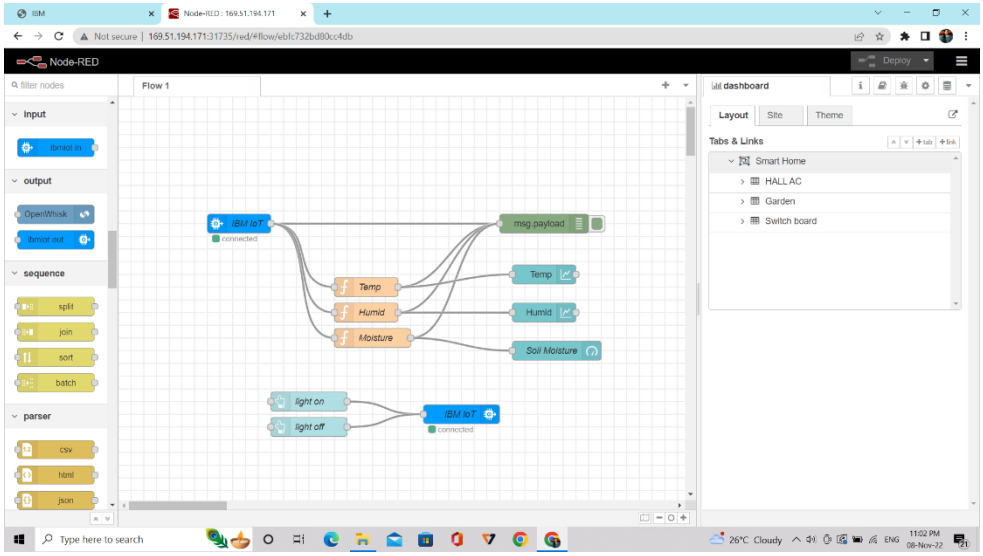
THE TEMPERATURE, HUMIDITY AND MOISTURE KEEPS ON CHANGING



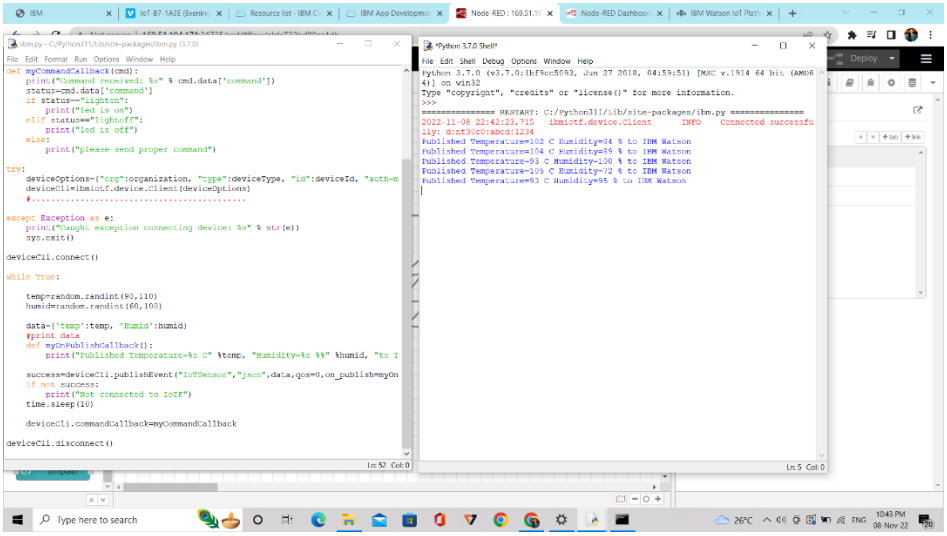




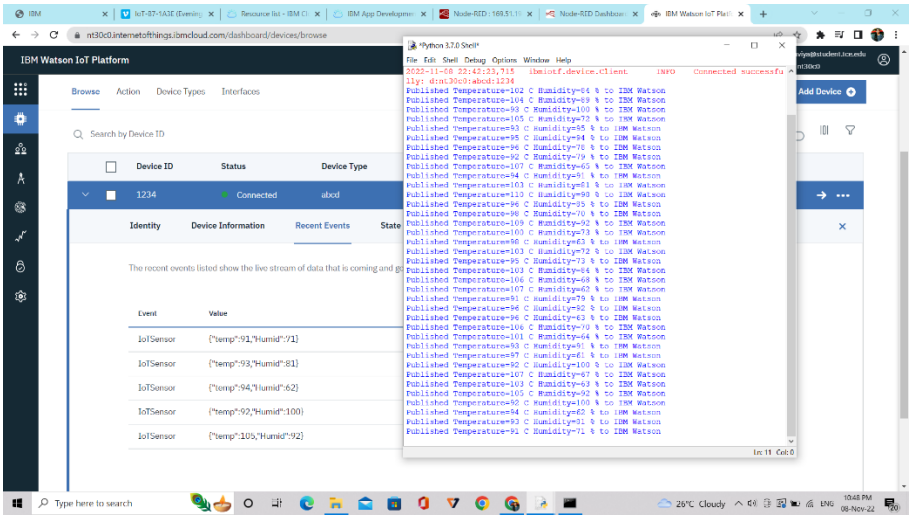
INSERTING TWO SWITCHES OFF AND ON:



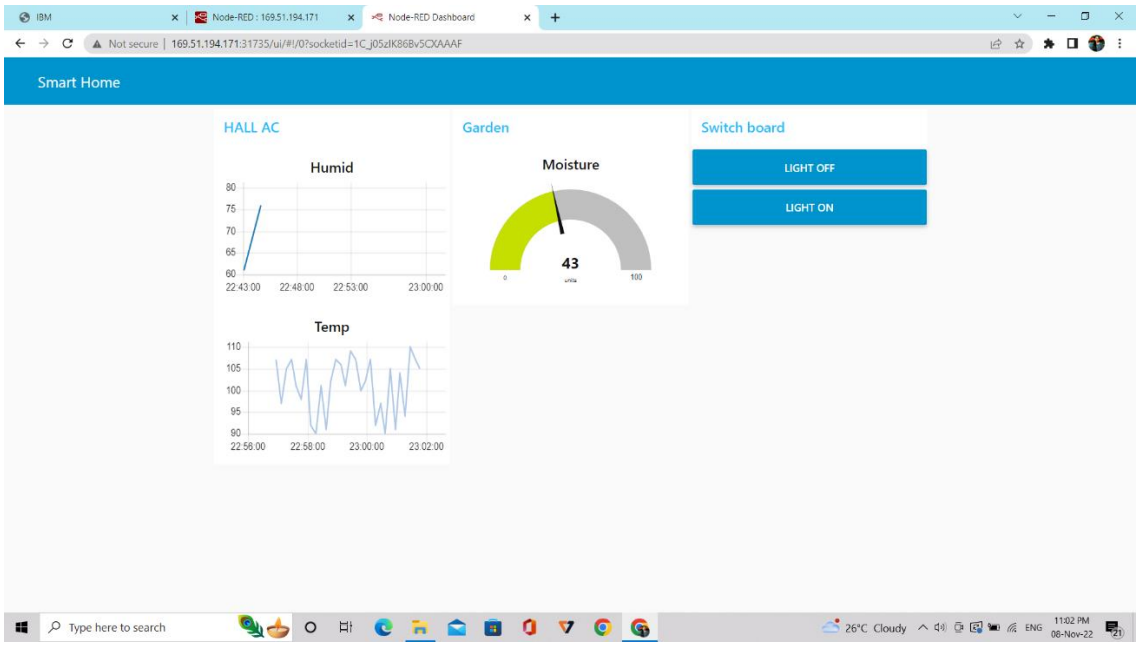
PUBLISH AND SUBSCRIBE PYTHON CODE FOR TEMPERTURE, HUMIDITY AND MOISTURE AND ITS OUTPUT IN THE PYTHON IDLE:



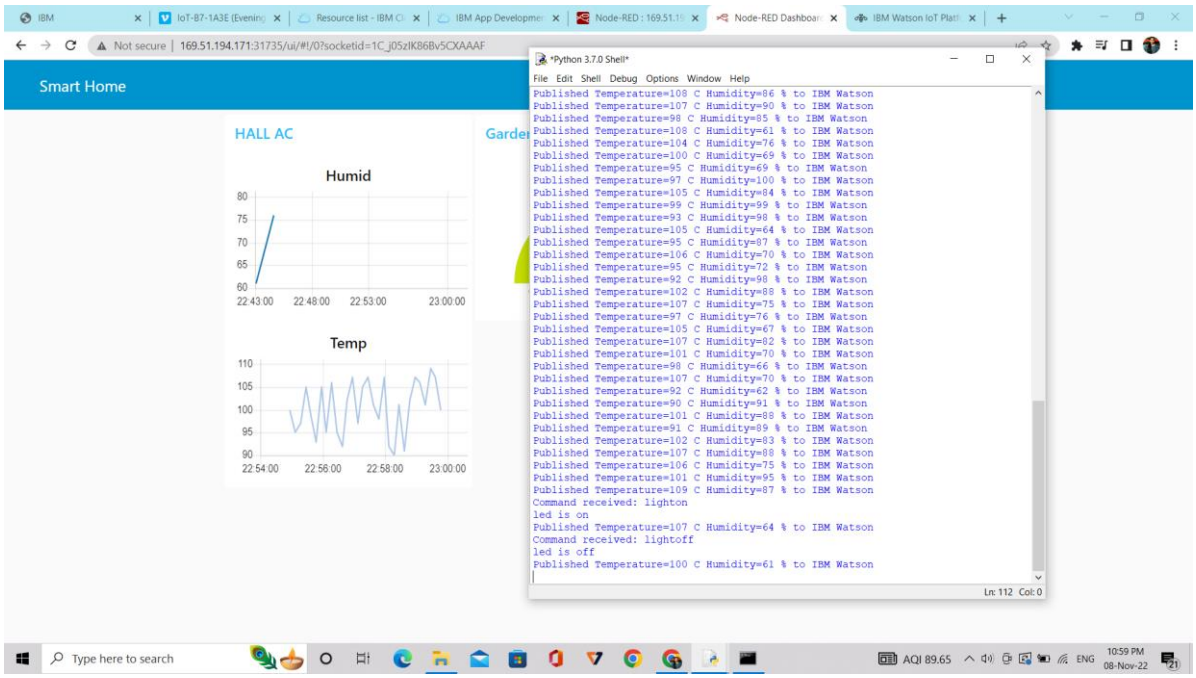
OUTPUT IN THE IDLE AND DEVICE EVENTS:



NODE RED DASHBOARD:



OUTPUT AFTER THE LED IS MADE ON AND OFF:



OUTPUT OF THE CODE IN IBM WATSON DEVICE EVENTS: