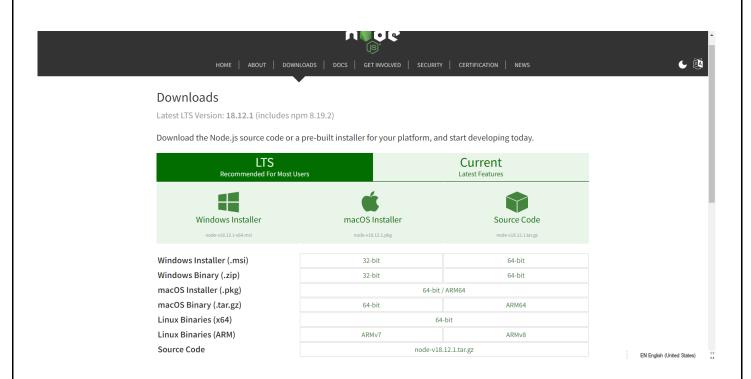
SPRINT-2

Date	04 November 2022
TEAM ID	PNT2022TMID41544
Project Name	IoT Based smart crop Protection system for agriculture
Maximum mark	20 marks

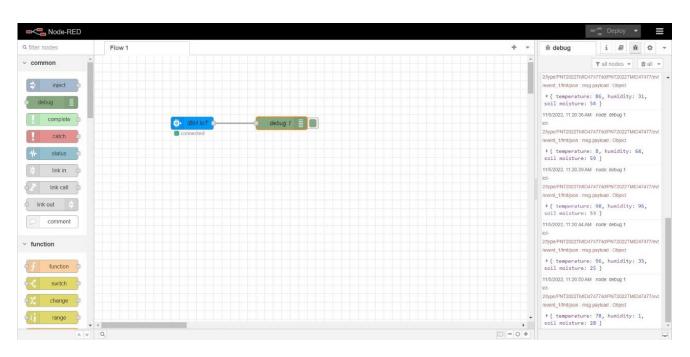
STEP1: Download and Install NODE JS.



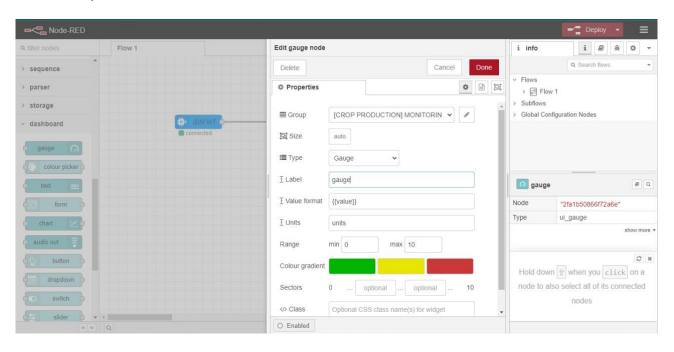
STEP2: Setup node.js and configure command prompt for error check.open node-red from the generated link.

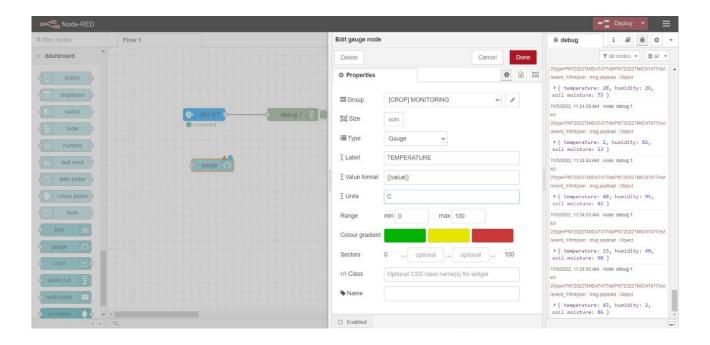
```
A Nov 18:48:05 - [info] Node-RED version: v3.0.2
4 Nov 18:48:05 - [info] Node.js version: v18.12.0
4 Nov 18:48:06 - [info] Loading palette nodes
4 Nov 18:48:44 - [info] Settings file : C:\Users\ELCOT\.node-red\settings.js
4 Nov 18:48:45 - [info] User directory : \Users\ELCOT\.node-red
4 Nov 18:48:45 - [info] User directory : \Users\ELCOT\.node-red
4 Nov 18:48:45 - [info] Flows file : \Users\ELCOT\.node-red\flows.json
4 Nov 18:48:45 - [info] Creating new flow file
4 Nov 18:48:45 - [info] Creating new flow file
5 Nov 18:48:45 - [info] Flows file is encrypted using a system-generated key.
7 Users\ELCOT\.node-red\flows.json
8 Nov 18:48:45 - [info] Server now will have to delete it and re-enter your credentials
9 Your settings file. Node-RED will then re-encrypt your credentials
9 Your settings file. Node-RED will then re-encrypt your credentials
9 Your settings file. Node-RED will then re-encrypt your credentials
9 Your settings file. Node-RED will then re-encrypt your credentials
9 Your settings file. Node-RED will then re-encrypt your credentials
9 Your settings file. Node-RED will then re-encrypt your credentials
9 Your settings file. Node-RED will then re-encrypt your credentials
9 Your settings file. Node-RED will then re-encrypt your credentials
9 Your settings file. Node-RED will then re-encrypt your credentials
9 Your settings file. Node-RED will set in your settings your chosen key the next time you deploy a change.
1 Your settings file. Node-RED will set in your settings your chosen key the next time your settings your chosen key the next time your settings your chosen key the next time your settings your settings your chosen key the next time your settings your set
```

STEP3: Connect ibmiot in and Debug 1 and Deploy.

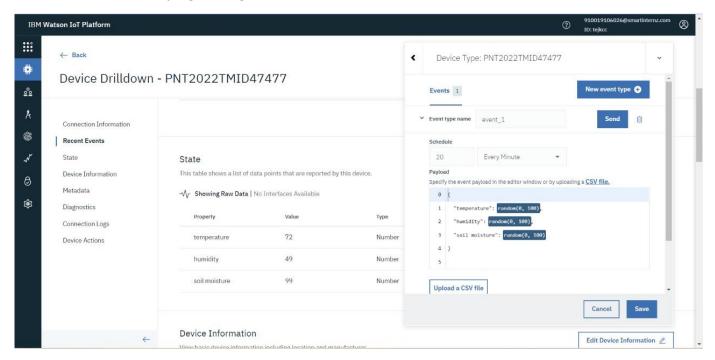


STEP4: Edit gauge node (Here the gauge nodes are named as Temperature, Humidity and Soil moisture).

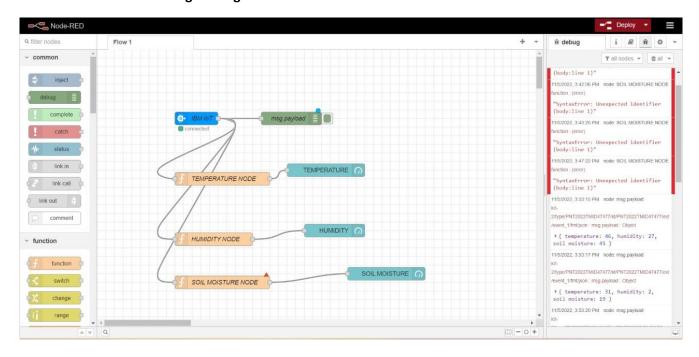




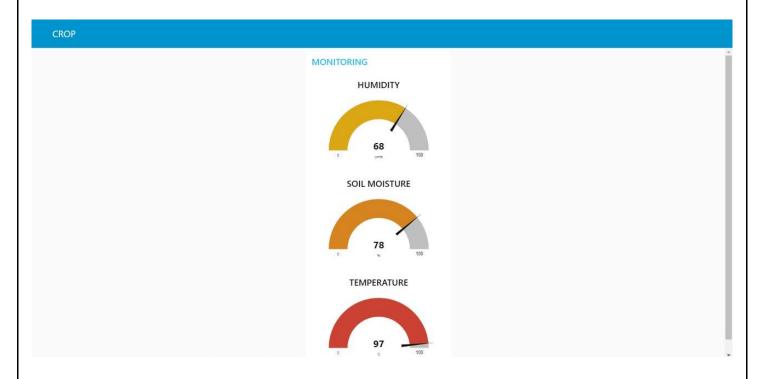
STEP5: Simulated program to get the random values.

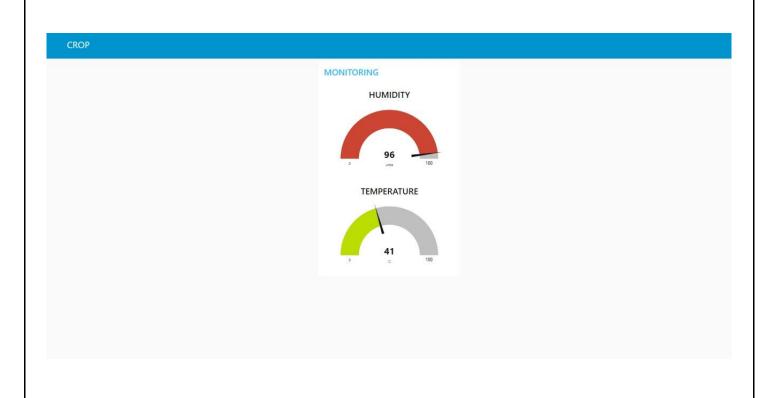


STEP6: Generate debug message from IBM Watson IoT Platform and connect the nodes.



STEP7: Generate the some output from recent events.





STEP8: MIT APP inventor to design the APP.

