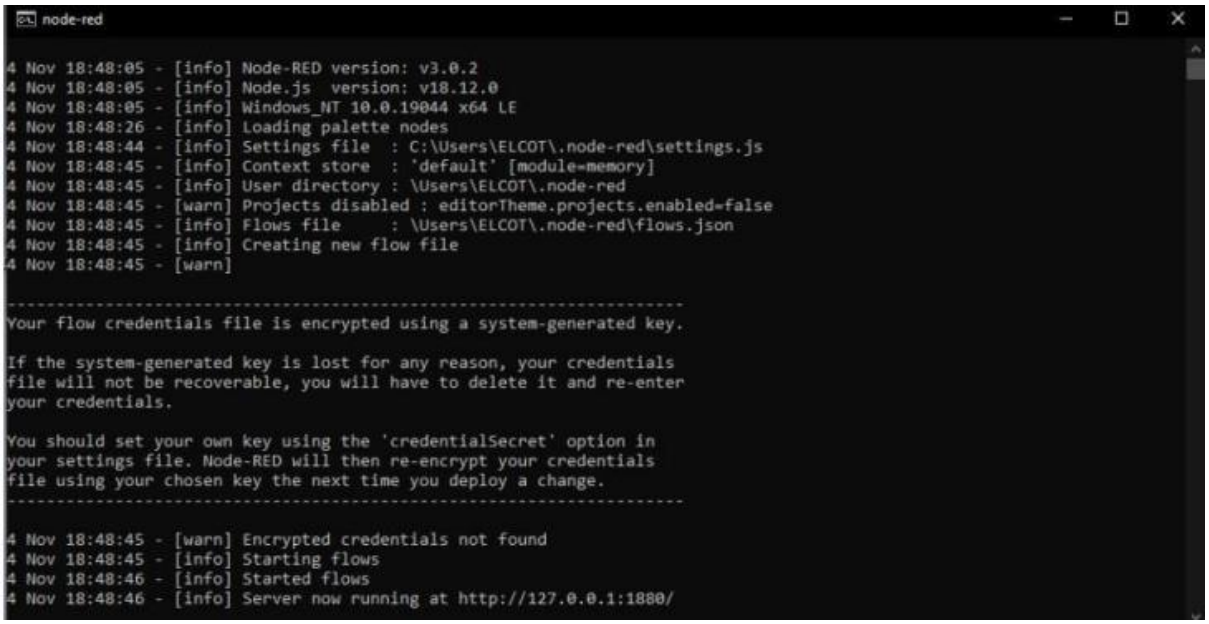
SPRINT-2

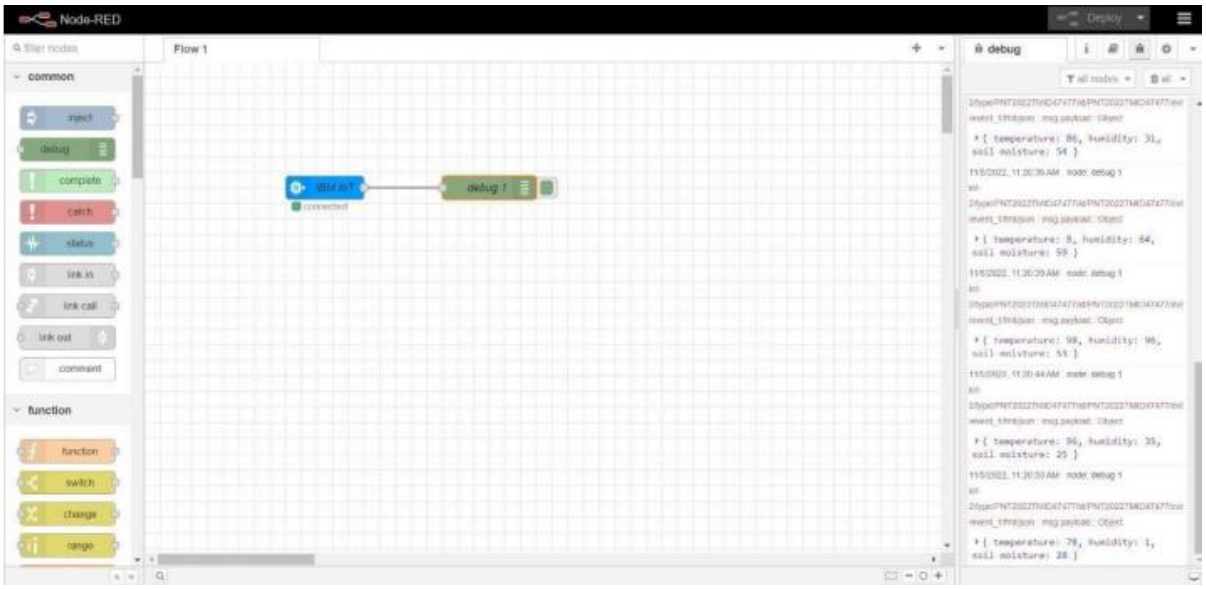
Team ID	PNT2022TMID05121
Project Name	Iot Based Smart Crop Protection System for Agriculture
Maximum Mark	20 Marks

STEP1: Download and Install NODE JS.

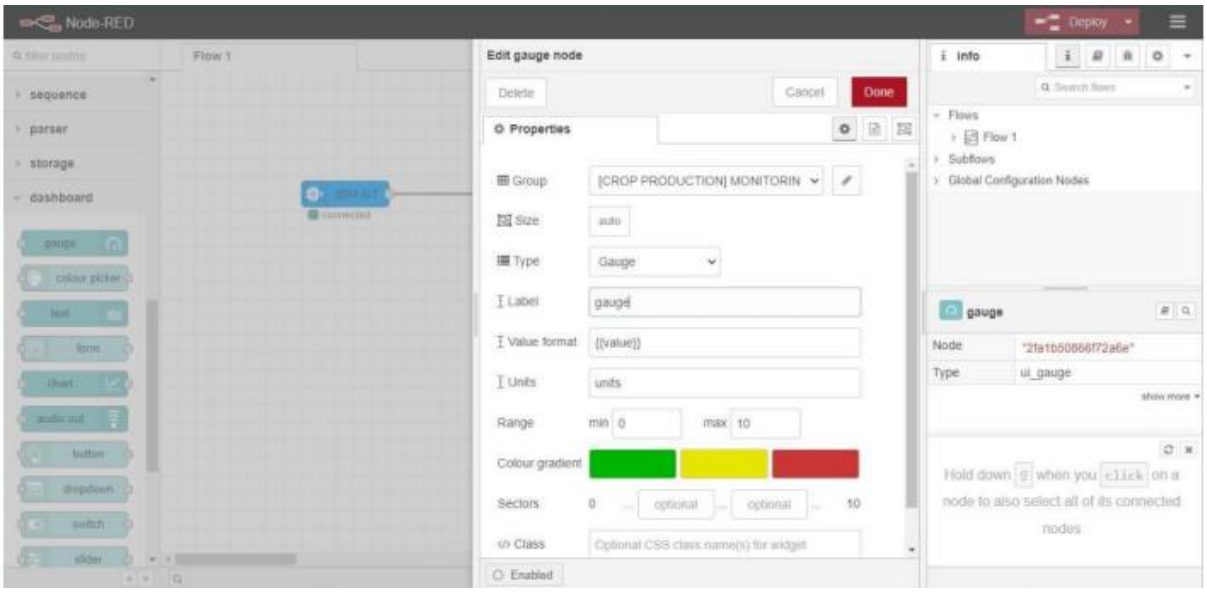
STEP 2: Setup node.js and configure command prompt for error check. Open node-red from the generated link.

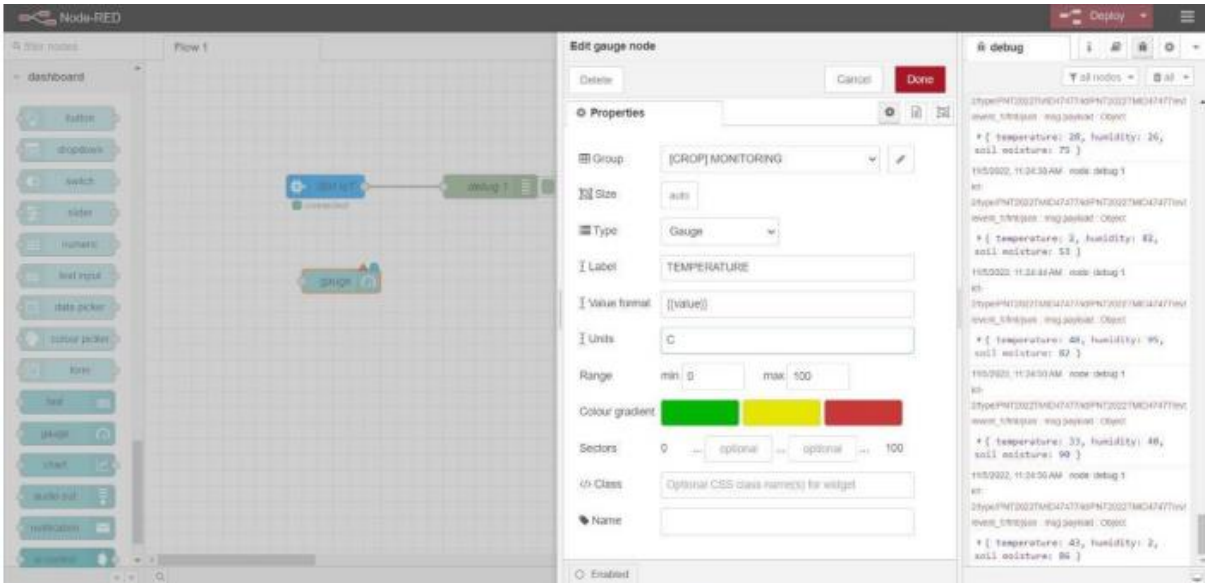


STEP3: Connect IBM IOT in and Debug 1 and Deploy.



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




Node-RED
Deploy
Flow 1
dashboard
Edit gauge node
Delete
Cancel
Done
Properties
Group
[CROP] MONITORING
Size
auto
Type
Gauge
Label
TEMPERATURE
Value format
{{value}}
Units
C
Range
min 0
max 100
Colour gradient
Sectors
0
optional
optional
100
Class
Optional CSS class name(s) for widget
Name
Enabled
debug
all nodes
all
{ temperature: 28, humidity: 26, soil moisture: 75 }
{ temperature: 3, humidity: 82, soil moisture: 53 }
{ temperature: 48, humidity: 95, soil moisture: 82 }
{ temperature: 33, humidity: 48, soil moisture: 90 }
{ temperature: 43, humidity: 2, soil moisture: 84 }