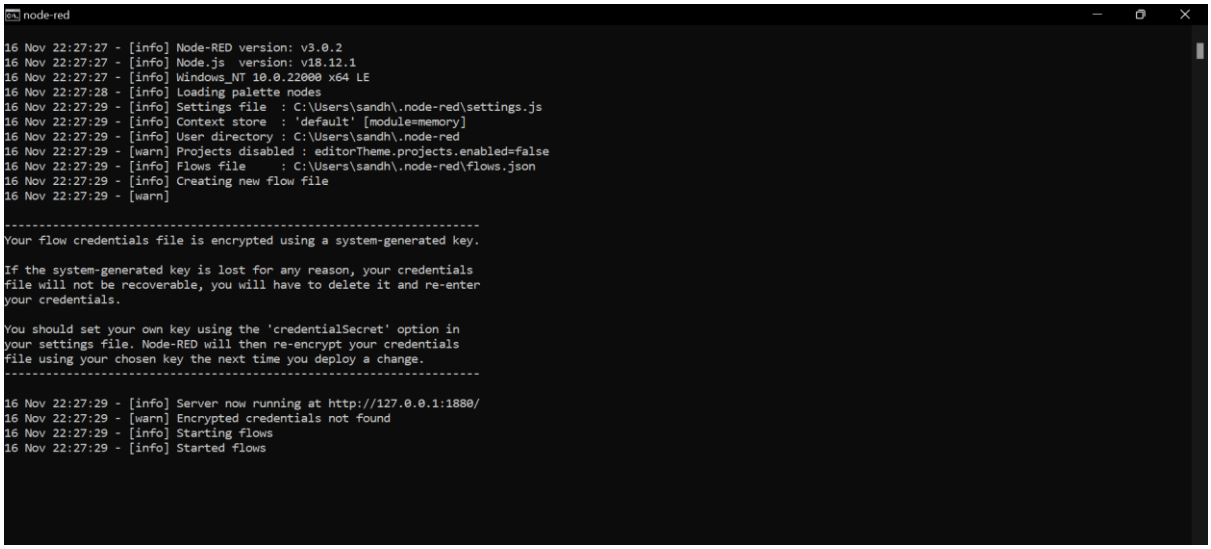
Sprint 2

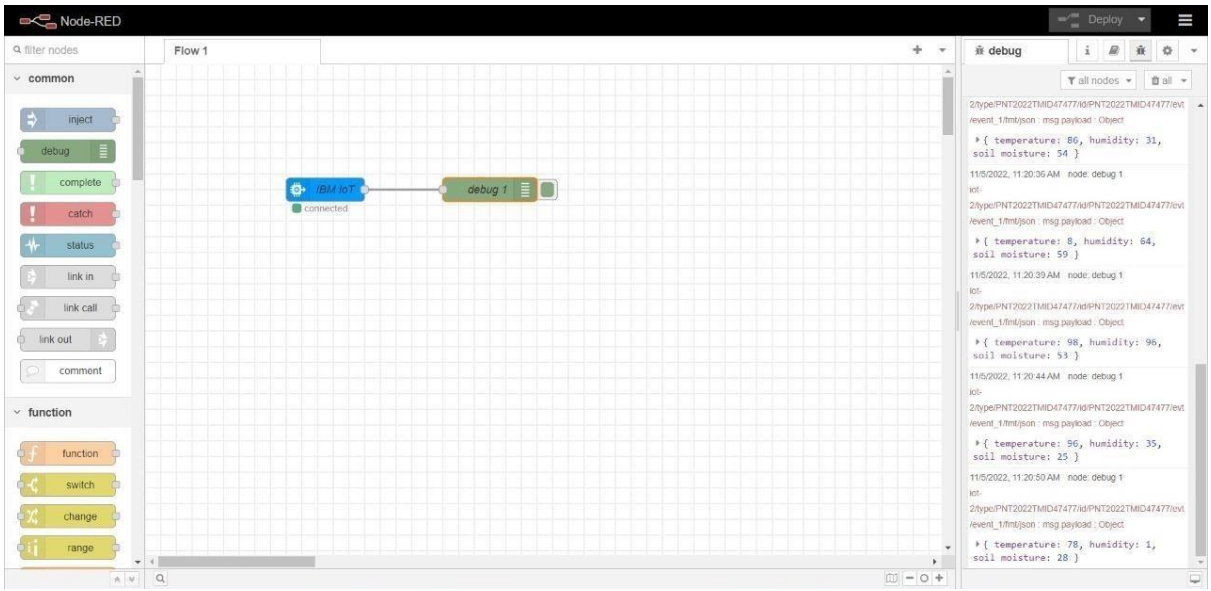
TEAM ID	PNT2022TMID04713
Project Name	IoT Based smart crop Protection system for agriculture
Maximum mark	20 marks

Step 1: Download and Install NODE JS

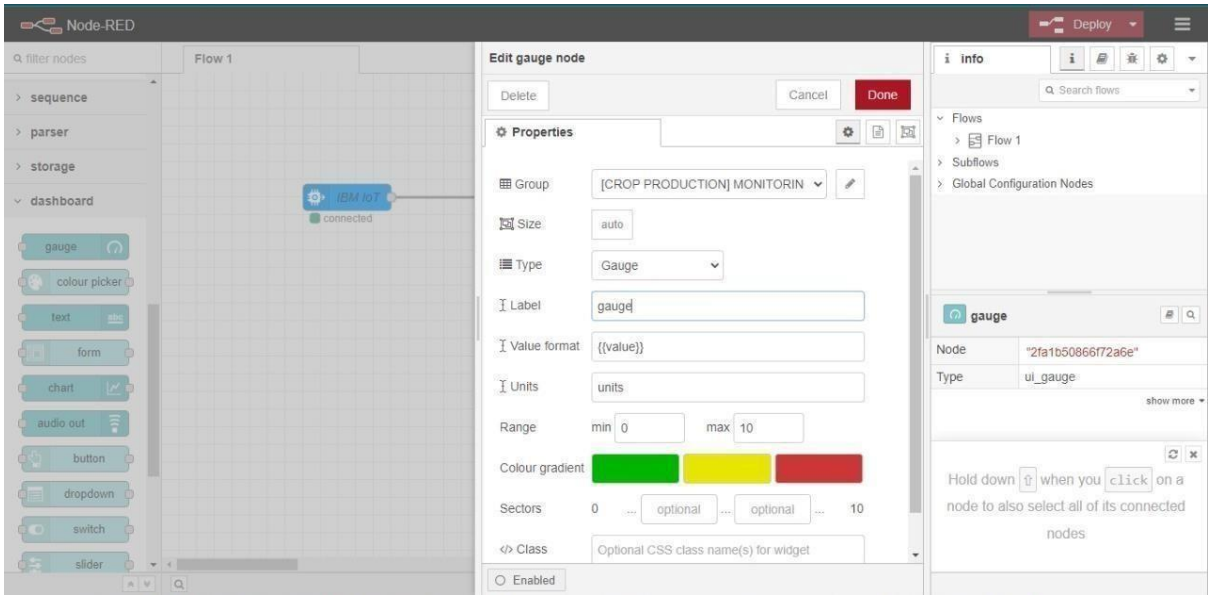
Step 2: Setup node.js and configure command prompt for error check.open node-red from the generated link.

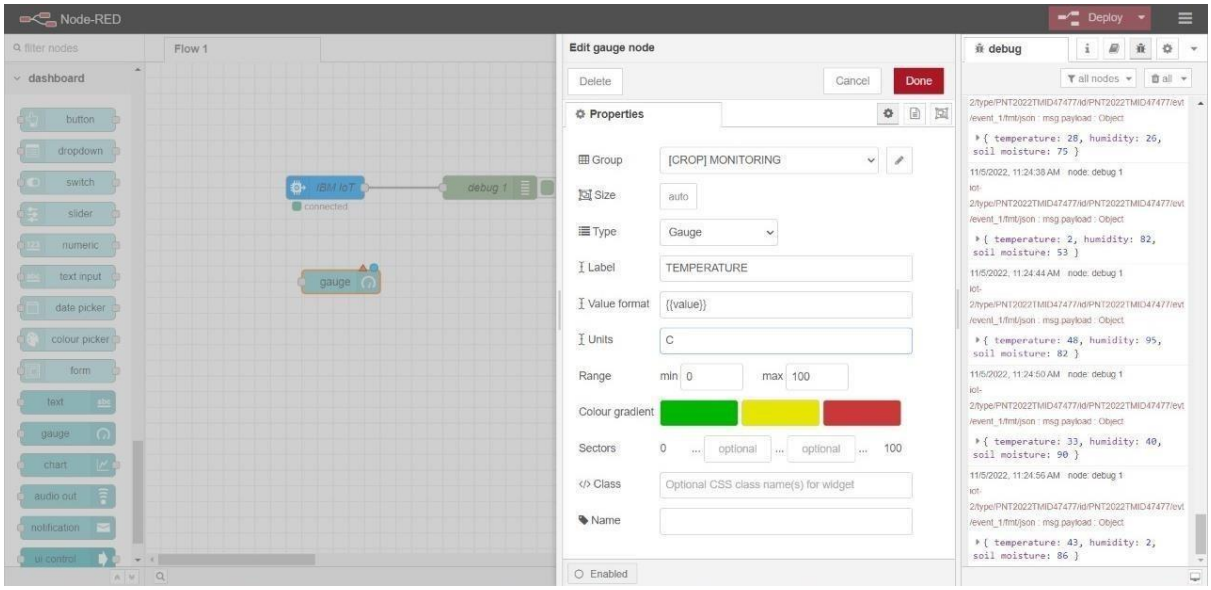


Step 3: Connect IBM IOT in and debug 1 and Deploy.



Step 4: Edit gauge node (Here the gauge nodes are named as Temperature, Humidity, and Soil moisture).




Node-RED
Deploy
filter nodes
Flow 1
dashboard
button
dropdown
switch
slider
numeric
text input
date picker
colour picker
form
text
gauge
chart
audio out
notification
ui control
IBM IoT
connected
debug 1
gauge
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: 2, humidity: 82, soil moisture: 53 }
{ temperature: 48, humidity: 95, soil moisture: 82 }
{ temperature: 33, humidity: 40, soil moisture: 90 }
{ temperature: 43, humidity: 2, soil moisture: 86 }