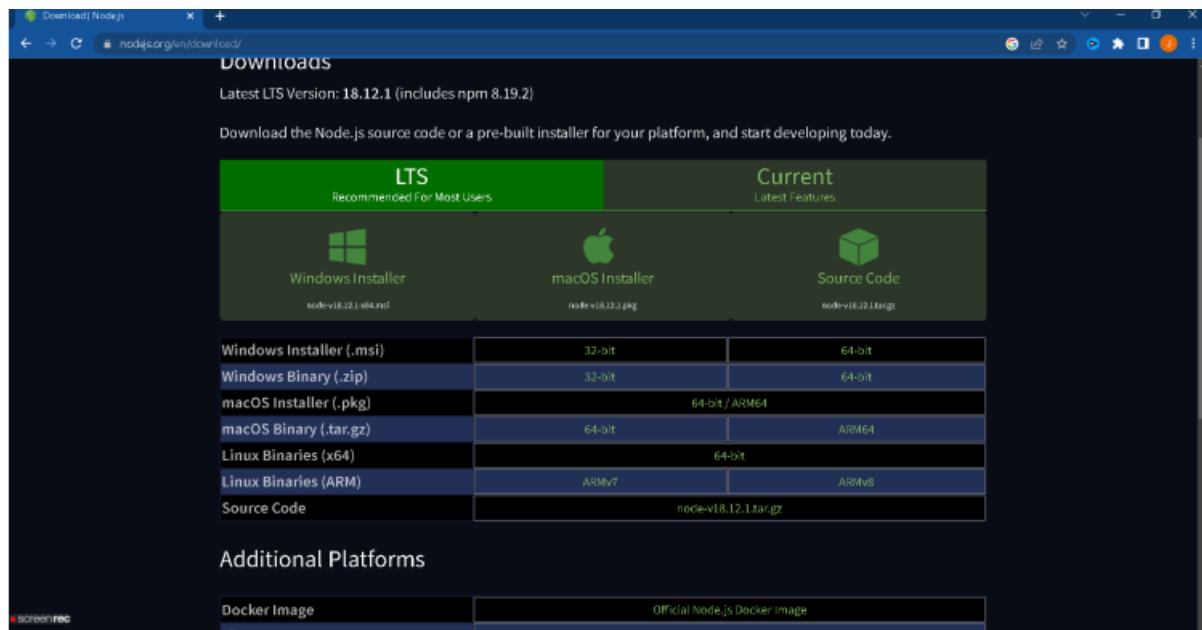


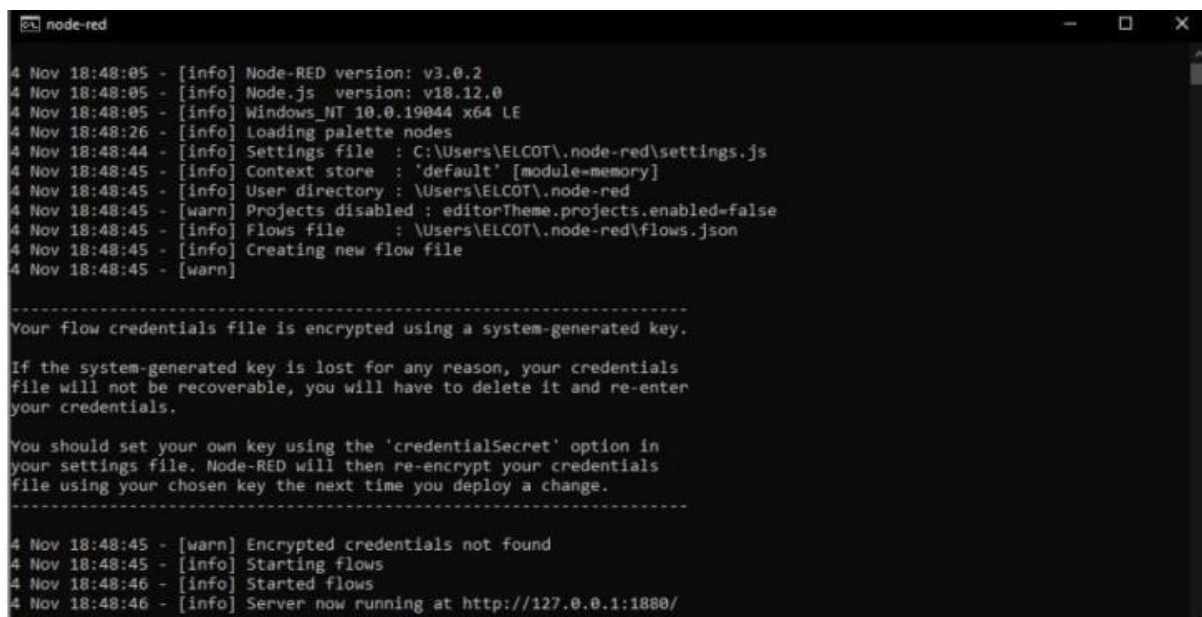
SPRINT-2

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

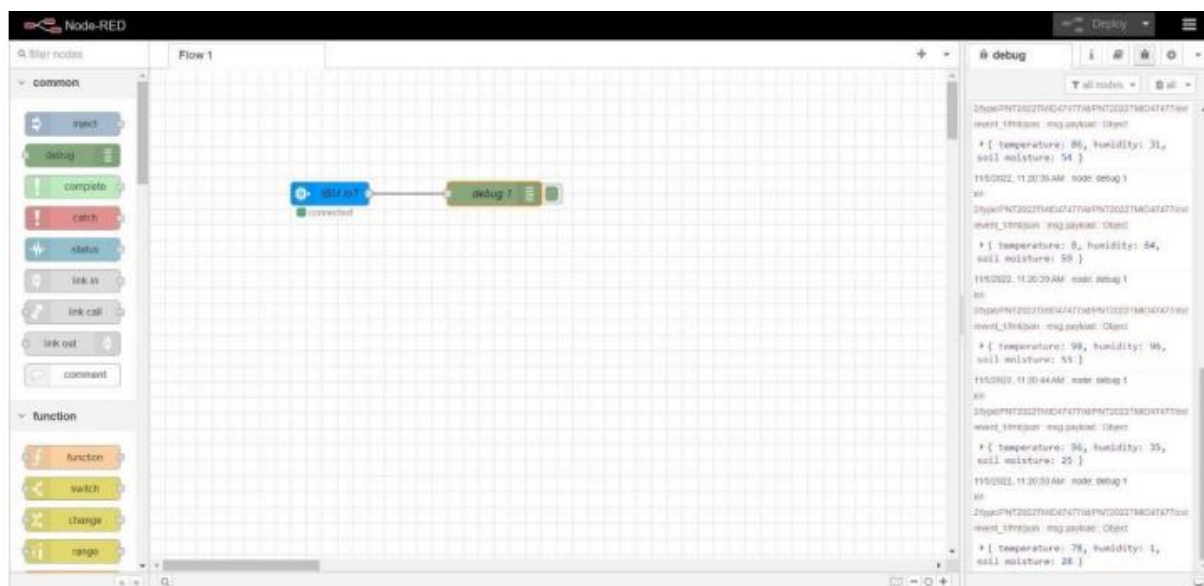
STEP1: Download and Install NODE JS.



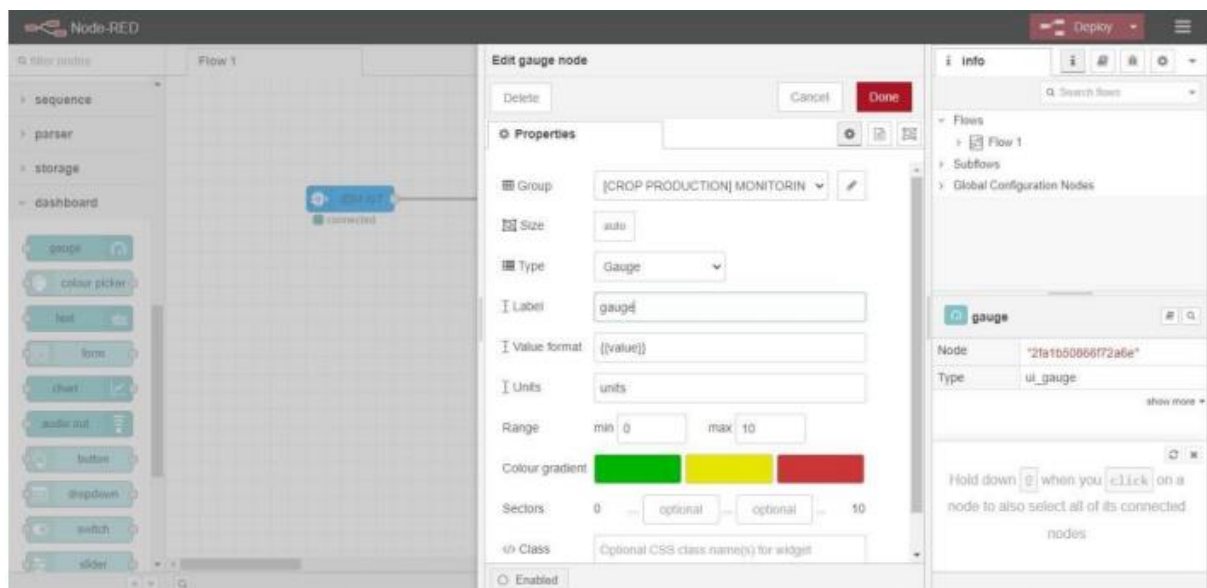
STEP 2: Setup node.js and configure command prompt for error check. Open node-red from the generated link.



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).



The screenshot displays the Node-RED web interface. On the left, a sidebar contains a palette of widgets including buttons, dropdowns, switches, sliders, numeric displays, text inputs, state pickers, toggle pickers, forms, text, progress, charts, gauges, and notifications. The main workspace shows a 'dashboard' tab with a 'flow' containing a 'gauge' node. The 'gauge' node is configured with the following properties:

- Group:** JCROP MONITORING
- Size:** auto
- Type:** Gauge
- Label:** TEMPERATURE
- Value format:** {{value}}
- Units:** C
- Range:** min 0, max 100
- Colour gradient:** A gradient bar with green, yellow, and red segments.
- Sectors:** 0, optional, optional, 100
- Class:** Optional CSS class name(s) for widget
- Name:**

On the right, the 'debug' console shows a series of log messages from a 'node debug 1' node, displaying temperature, humidity, and soil moisture data over time.