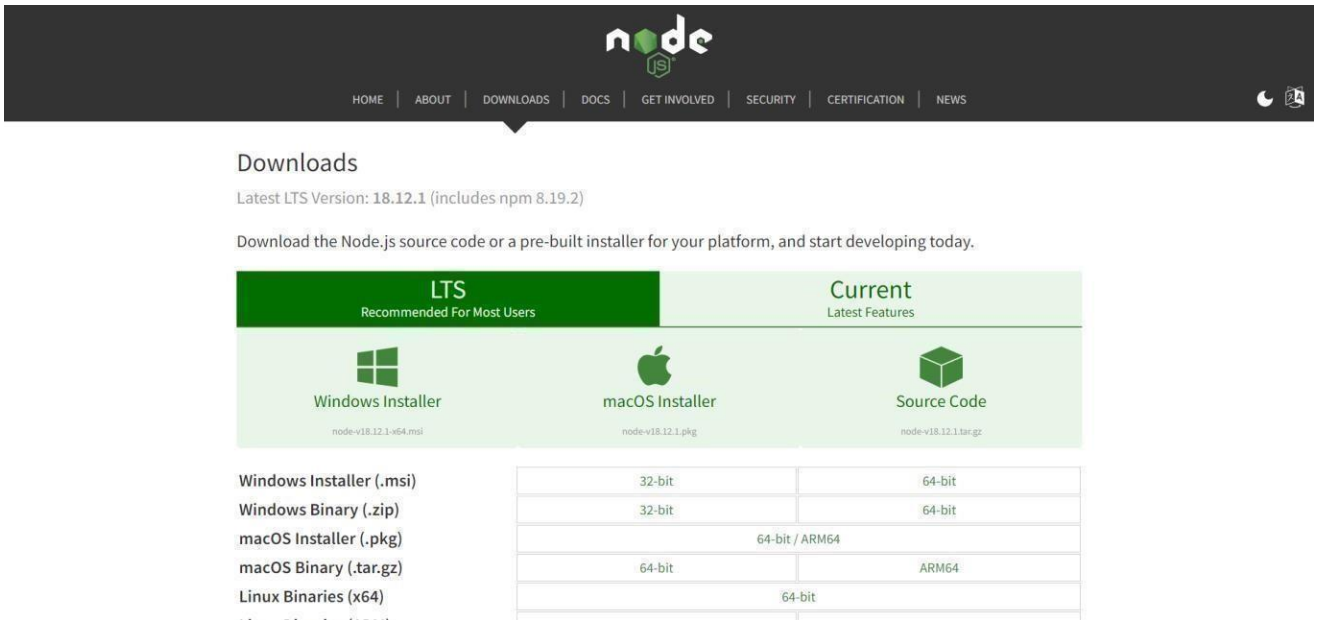
PROJECT DEVELOPMENT PHASE

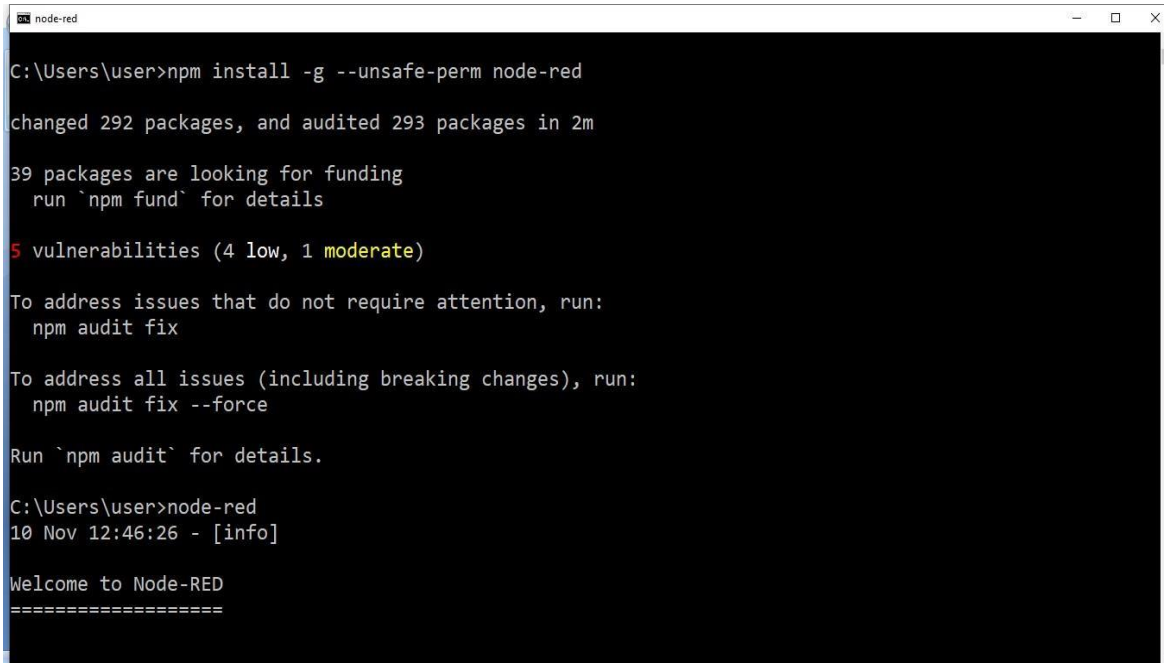
SPRINT-2

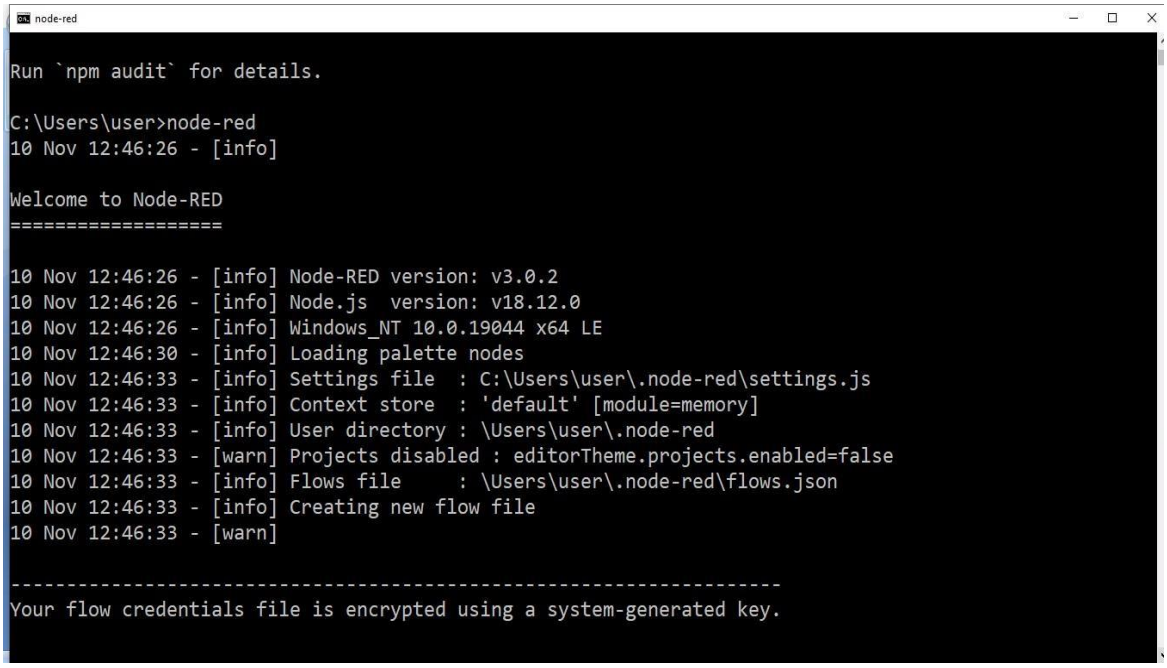
Date	**29 October 2022**
Team ID	**PNT2022TMID24163**
Project Name	**IoT based smart crop protection system for agriculture**

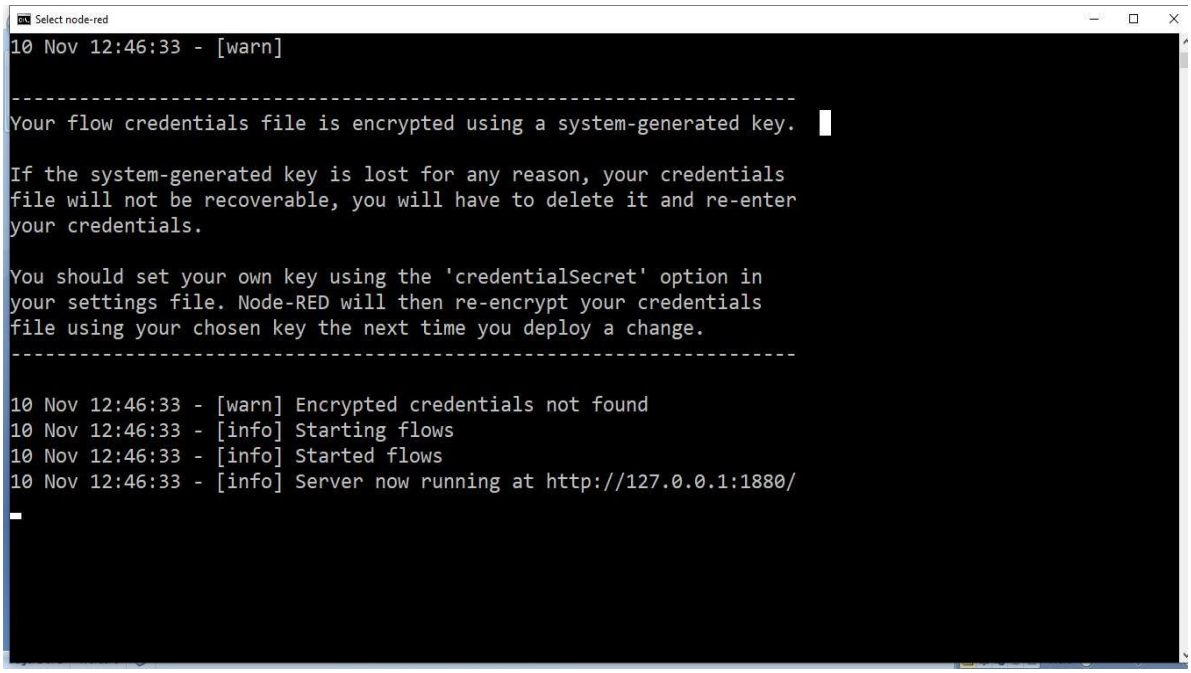
STEP1: Download and Install NODE JS.



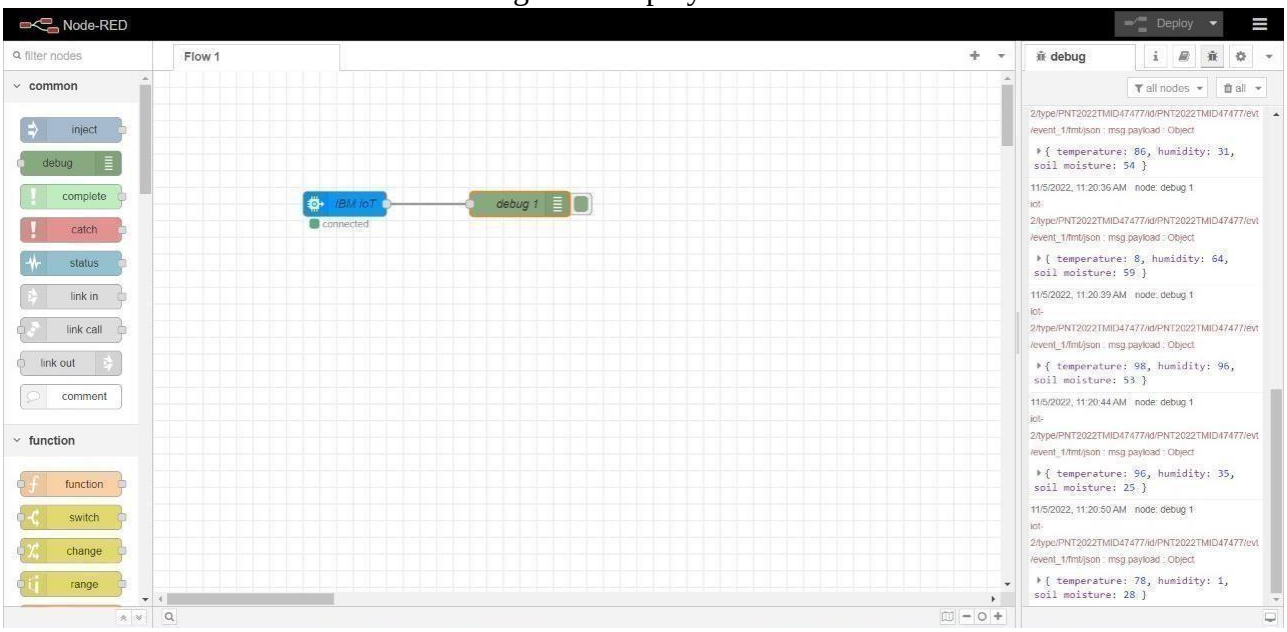
STEP2: Setup node.js and configure command prompt for error check. Open node-red from the generated link.

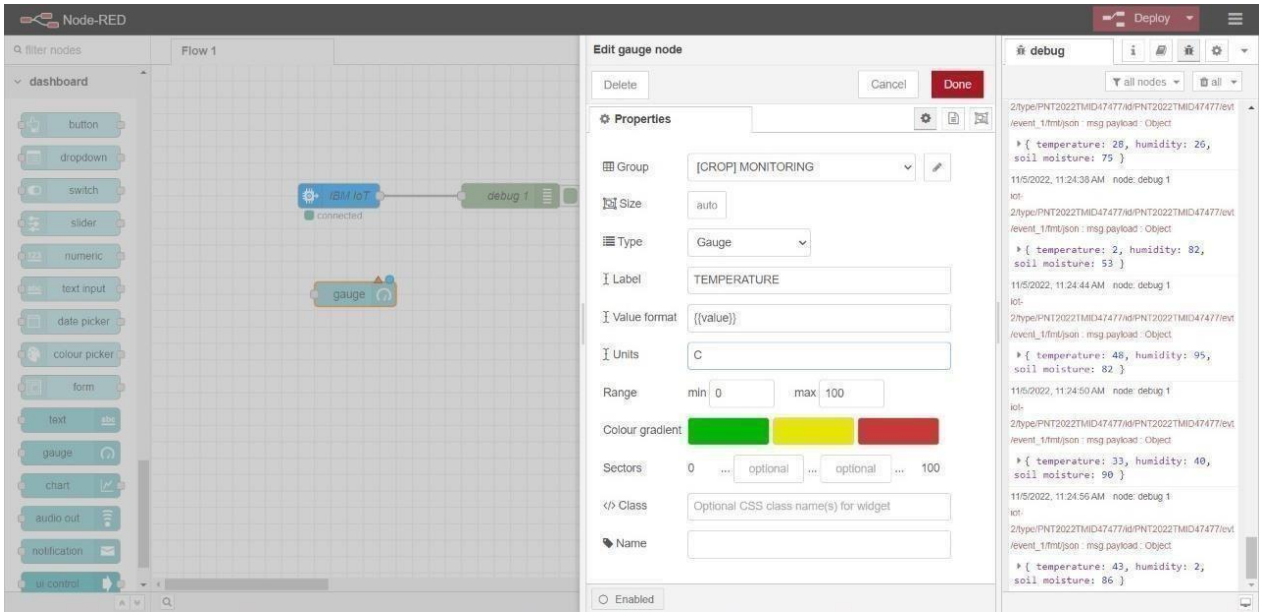

node-red
C:\Users\user>npm install -g --unsafe-perm node-red
changed 292 packages, and audited 293 packages in 2m
39 packages are looking for funding
run `npm fund` for details
5 vulnerabilities (4 low, 1 moderate)
To address issues that do not require attention, run:
npm audit fix
To address all issues (including breaking changes), run:
npm audit fix --force
Run `npm audit` for details.
C:\Users\user>node-red
10 Nov 12:46:26 - [info]
Welcome to Node-RED
==========


node-red
Run `npm audit` for details.
C:\Users\user>node-red
10 Nov 12:46:26 - [info]
Welcome to Node-RED
==========
10 Nov 12:46:26 - [info] Node-RED version: v3.0.2
10 Nov 12:46:26 - [info] Node.js version: v18.12.0
10 Nov 12:46:26 - [info] Windows_NT 10.0.19044 x64 LE
10 Nov 12:46:30 - [info] Loading palette nodes
10 Nov 12:46:33 - [info] Settings file : C:\Users\user\.node-red\settings.js
10 Nov 12:46:33 - [info] Context store : 'default' [module=memory]
10 Nov 12:46:33 - [info] User directory : \Users\user\.node-red
10 Nov 12:46:33 - [warn] Projects disabled : editorTheme.projects.enabled=false
10 Nov 12:46:33 - [info] Flows file : \Users\user\.node-red\flows.json
10 Nov 12:46:33 - [info] Creating new flow file
10 Nov 12:46:33 - [warn]
Your flow credentials file is encrypted using a system-generated key.



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).