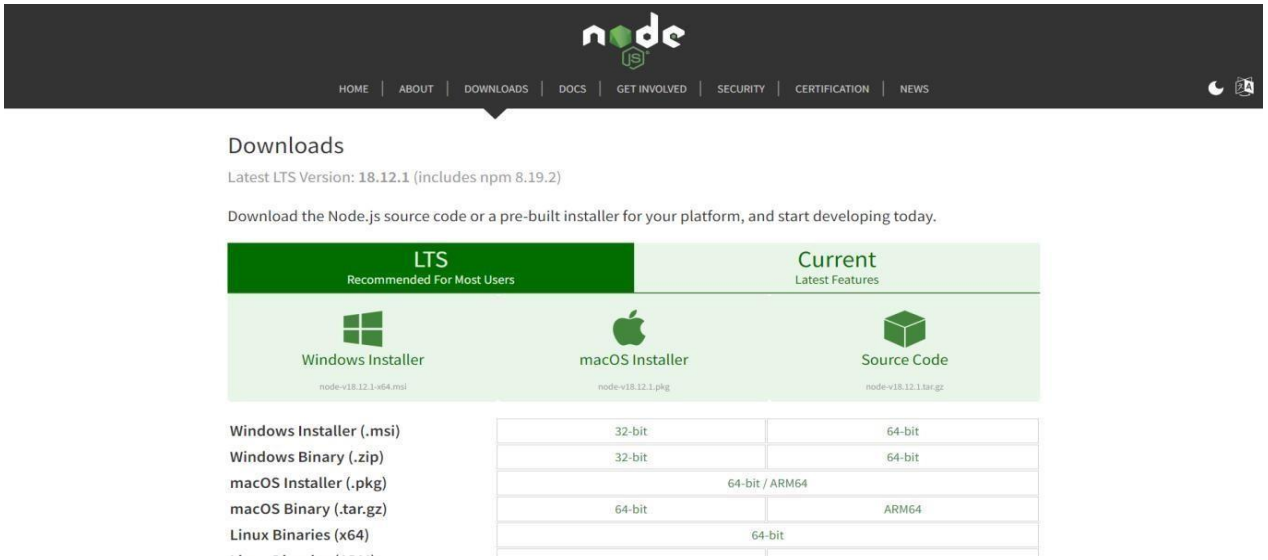
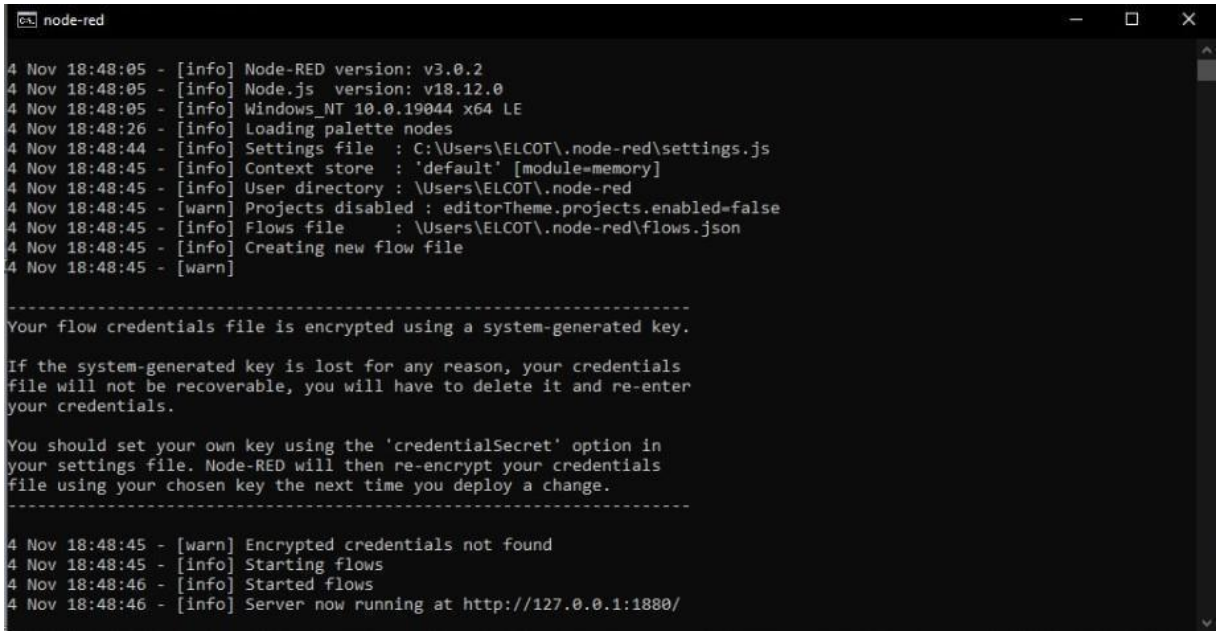
SPRINT-3

Date	07 November 2022
TEAM ID	PNT2022TMID20272
Project Name	IoT Based smart crop Protection system for agriculture
Maximum mark	20 marks

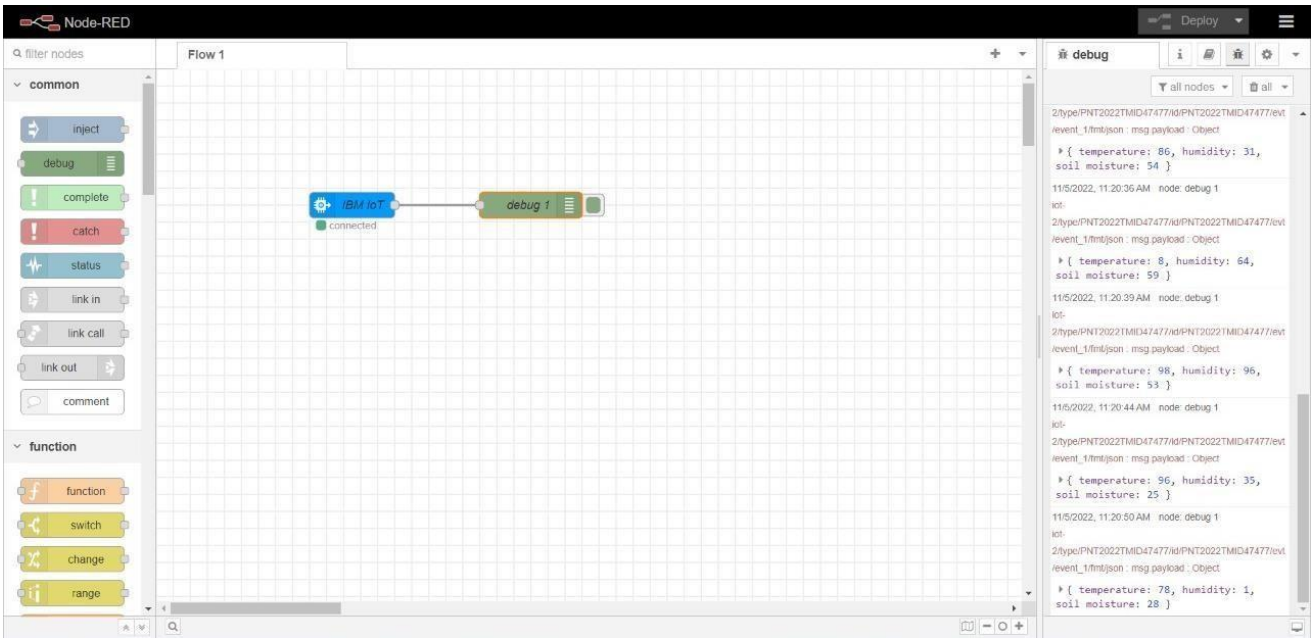
STEP1: Download and Install NODE JS.



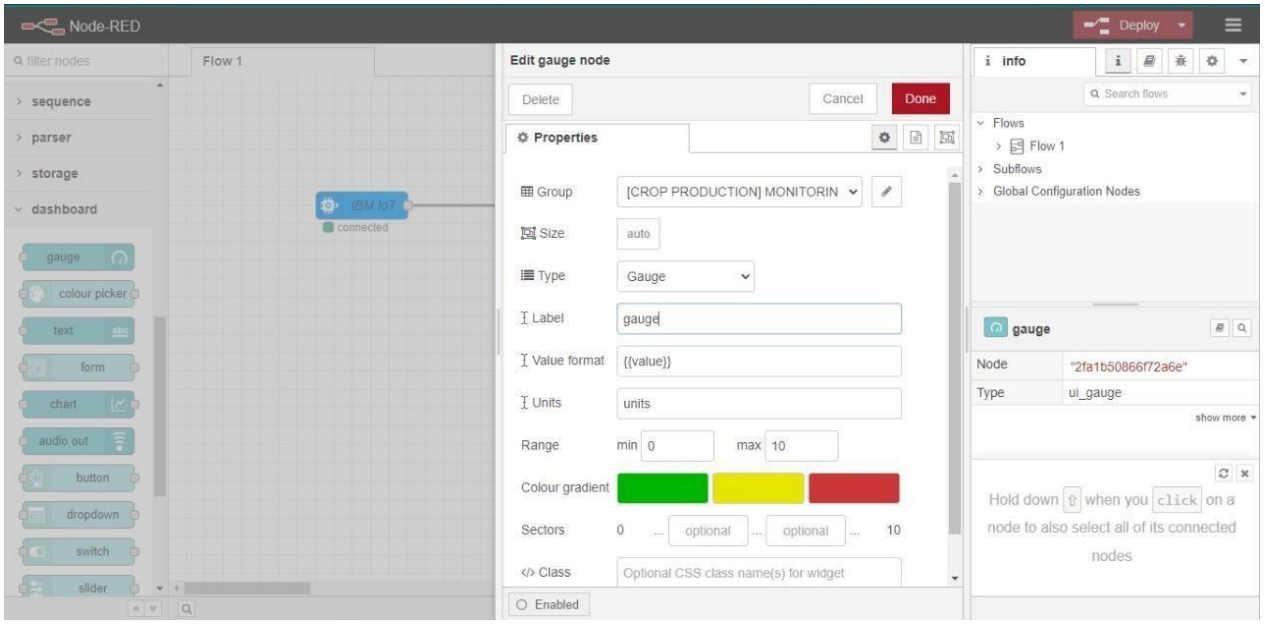
STEP2: Setup node.js and configure command prompt for error check .open node-red from the generated link.

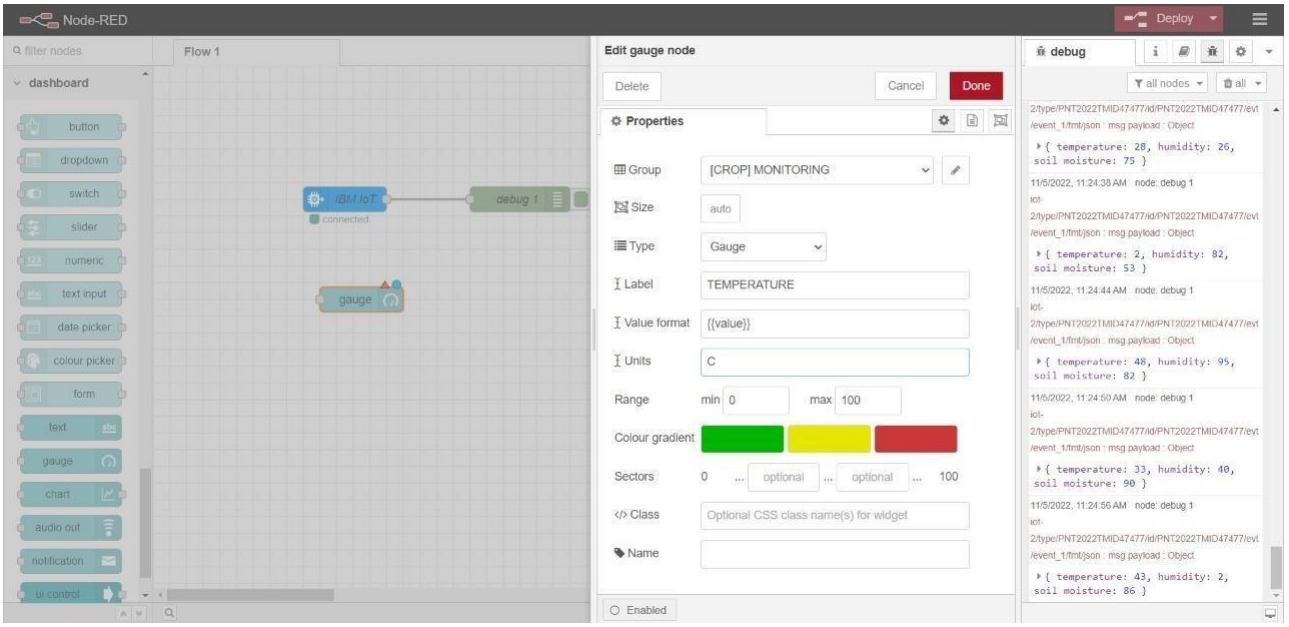


STEP3: Connect IBM IOT in and Debug 1 and Deploy.



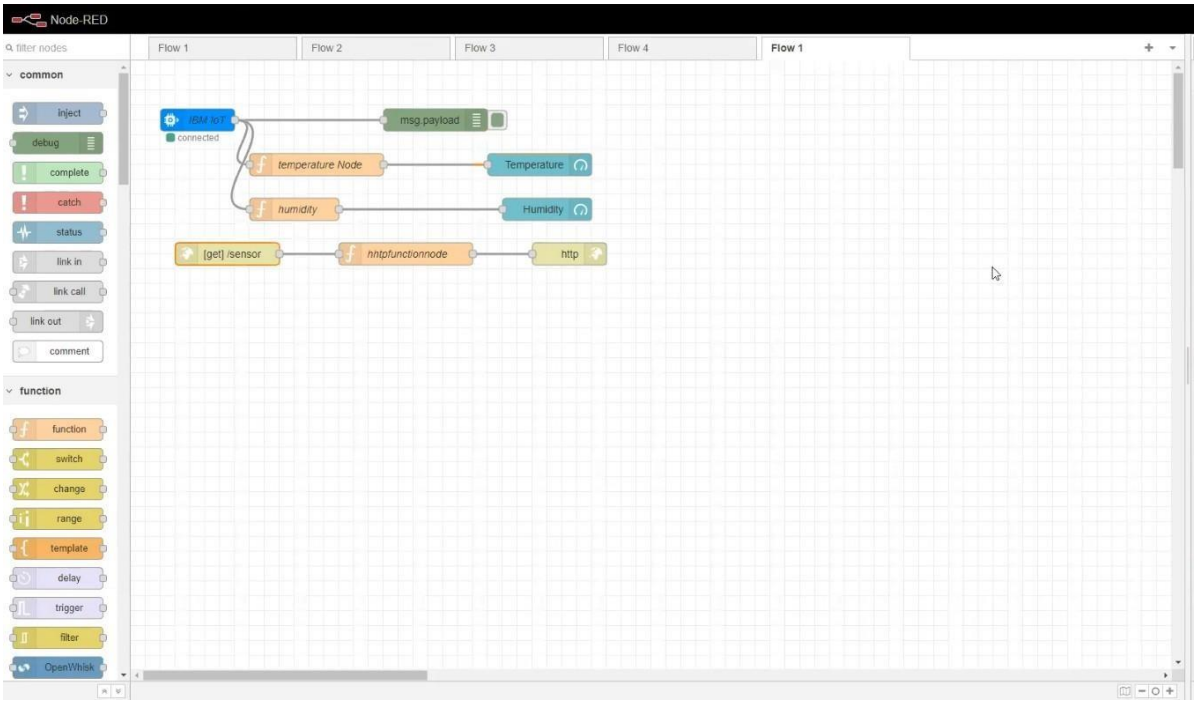
STEP4: Edit gauge node (Here the gauge nodes are named as Temperature, Humidity and Soil moisture).



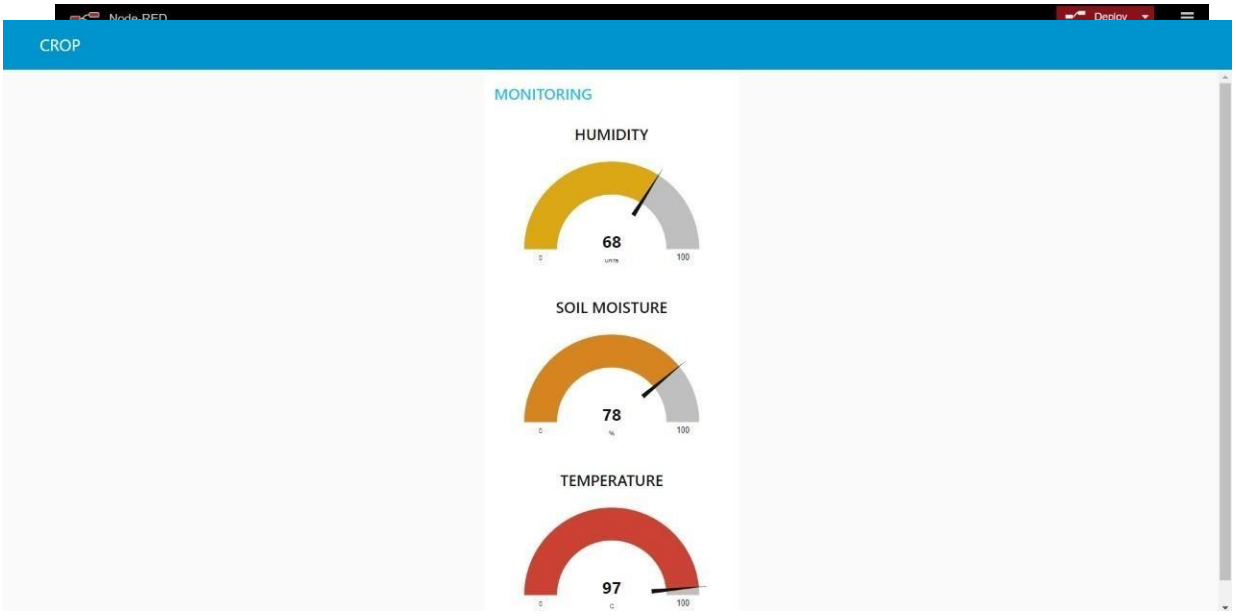


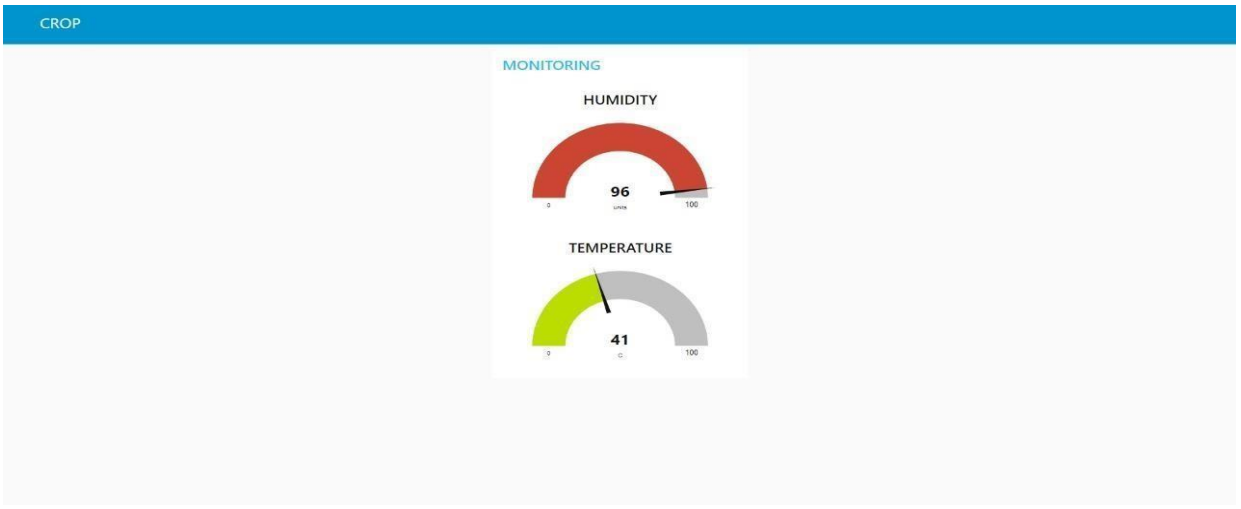
SIMULATION:

STEP1: Simulated program to get the random values.

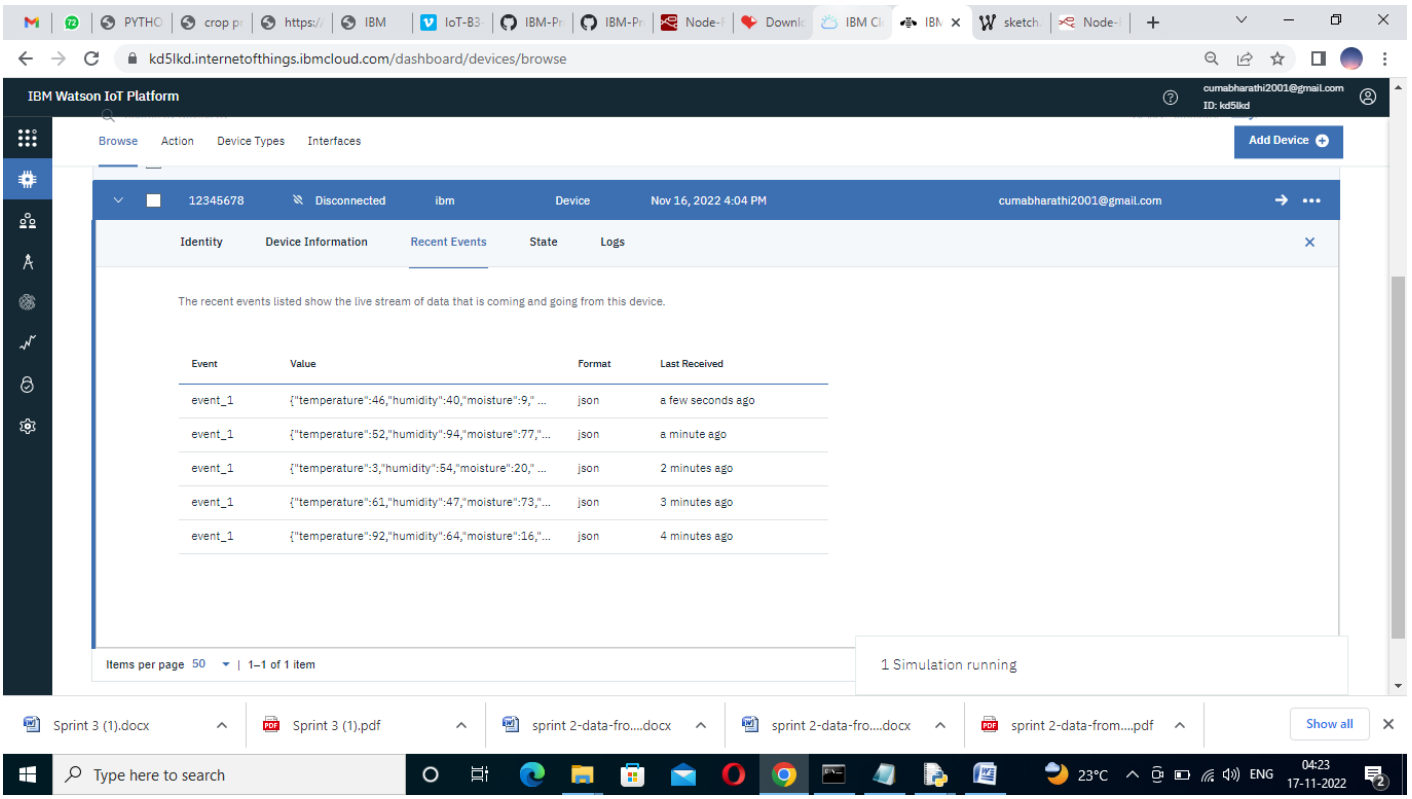


STEP2: Generate debug message from IBM Watson IoT Platform and connect the nodes.





STEP3: Generate the some output from recent events


kd5lkd.internetofthings.ibmcloud.com/dashboard/devices/browse
IBM Watson IoT Platform
cumabharathi2001@gmail.com
ID: kd5lkd
Browse
Action
Device Types
Interfaces
Add Device
12345678
Disconnected
ibm
Device
Nov 16, 2022 4:04 PM
cumabharathi2001@gmail.com
Identity
Device Information
Recent Events
State
Logs
The recent events listed show the live stream of data that is coming and going from this device.
Event
Value
Format
Last Received
event_1
{"temperature":46,"humidity":40,"moisture":9," ...
json
a few seconds ago
event_1
{"temperature":52,"humidity":94,"moisture":77,"...
json
a minute ago
event_1
{"temperature":3,"humidity":54,"moisture":20," ...
json
2 minutes ago
event_1
{"temperature":61,"humidity":47,"moisture":73,"...
json
3 minutes ago
event_1
{"temperature":92,"humidity":64,"moisture":16,"...
json
4 minutes ago
Items per page 50
1–1 of 1 item
1 Simulation running
Sprint 3 (1).docx
Sprint 3 (1).pdf
sprint 2-data-fro....docx
sprint 2-data-fro....docx
sprint 2-data-from....pdf
Show all
Type here to search
23°C
ENG
04:23
17-11-2022