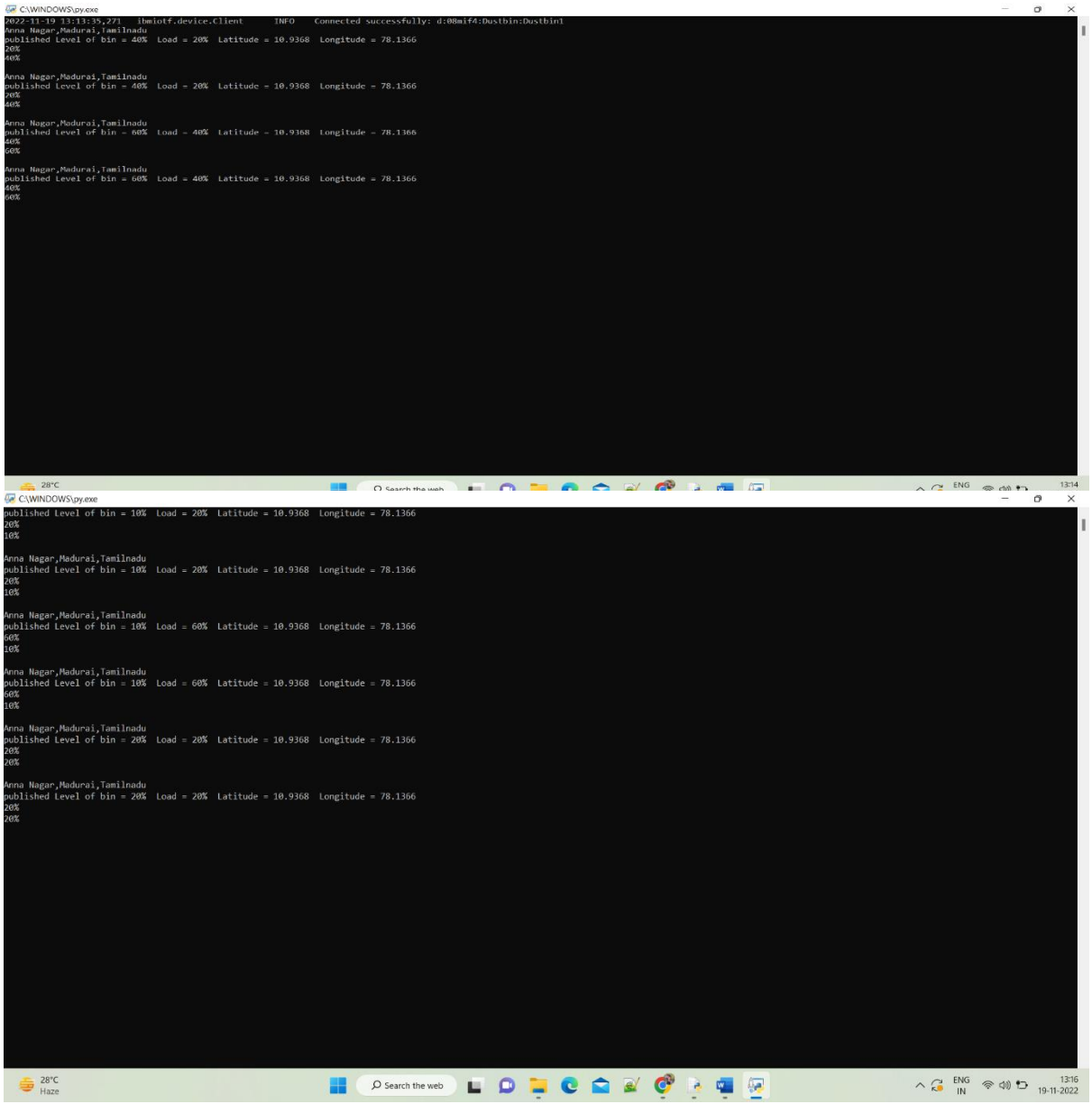
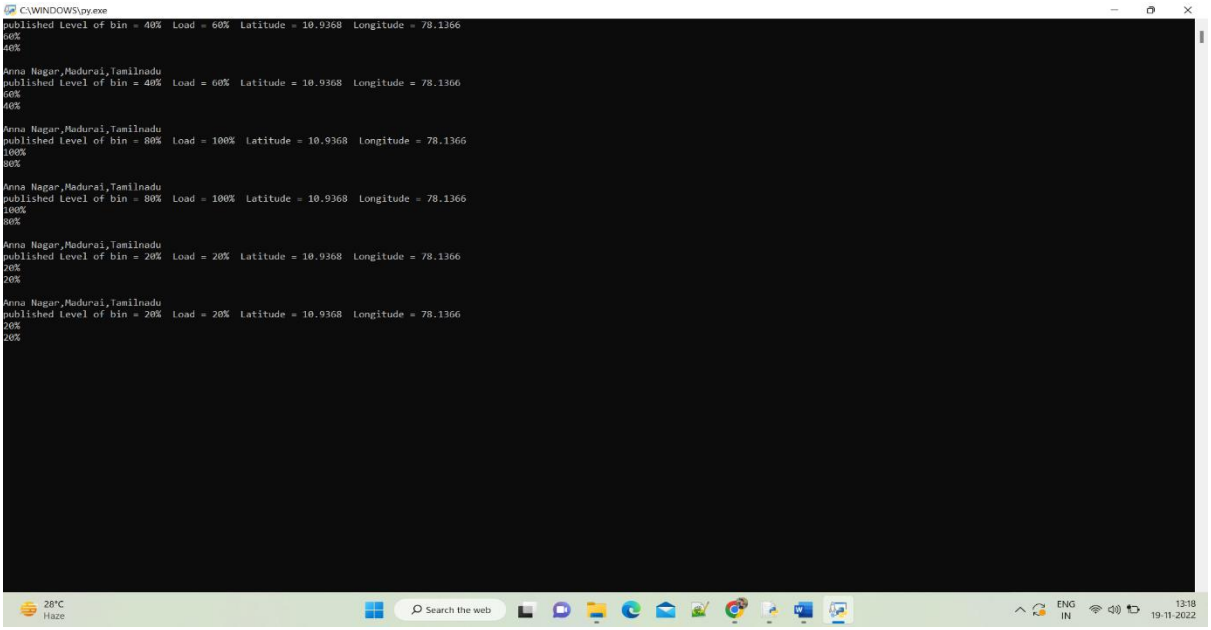
Develop Python Script

Team ID	PNT2022TMID47513
Project Title	Smart waste management system in metropolitan cities.

Screenshot For simulator:




C:\WINDOWS\py.exe
published Level of bin = 40% Load = 60% Latitude = 10.9368 Longitude = 78.1366
60%
40%
Anna Nagar,Madurai,Tamilnadu
published Level of bin = 40% Load = 60% Latitude = 10.9368 Longitude = 78.1366
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published Level of bin = 80% Load = 100% Latitude = 10.9368 Longitude = 78.1366
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Anna Nagar,Madurai,Tamilnadu
published Level of bin = 80% Load = 100% Latitude = 10.9368 Longitude = 78.1366
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published Level of bin = 20% Load = 20% Latitude = 10.9368 Longitude = 78.1366
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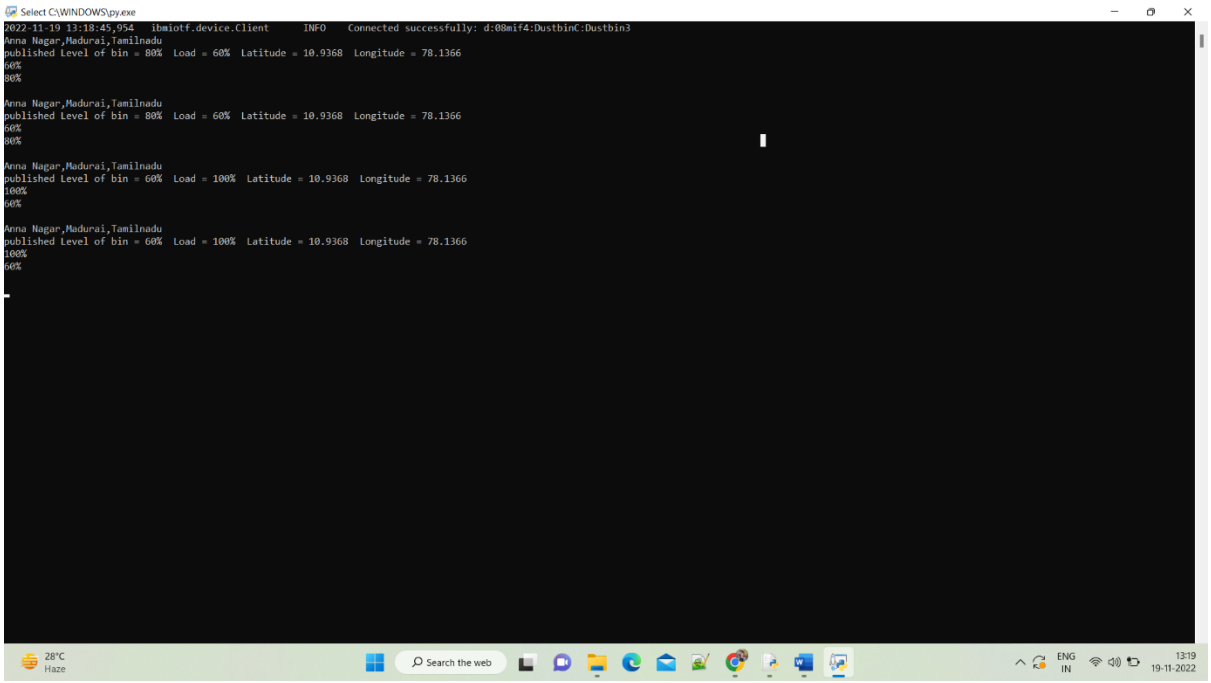
Anna Nagar,Madurai,Tamilnadu
published Level of bin = 20% Load = 20% Latitude = 10.9368 Longitude = 78.1366
20%
20%
28°C
Haze
Search the web
ENG
IN
13:18
19-11-2022


Select C:\WINDOWS\py.exe
2022-11-19 13:18:45,954 ibmiotf.device.Client INFO Connected successfully: d:08mif4:DustbinC:Dustbin3
Anna Nagar,Madurai,Tamilnadu
published Level of bin = 80% Load = 60% Latitude = 10.9368 Longitude = 78.1366
60%
80%
Anna Nagar,Madurai,Tamilnadu
published Level of bin = 80% Load = 60% Latitude = 10.9368 Longitude = 78.1366
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Anna Nagar,Madurai,Tamilnadu
published Level of bin = 60% Load = 100% Latitude = 10.9368 Longitude = 78.1366
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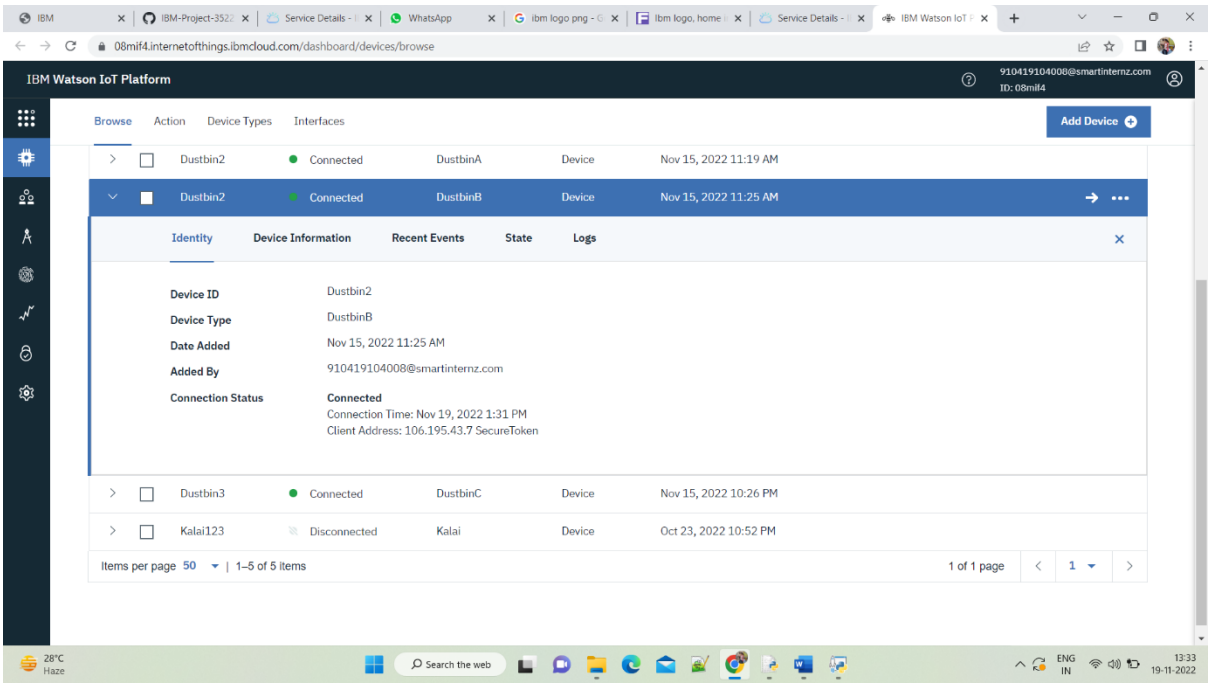
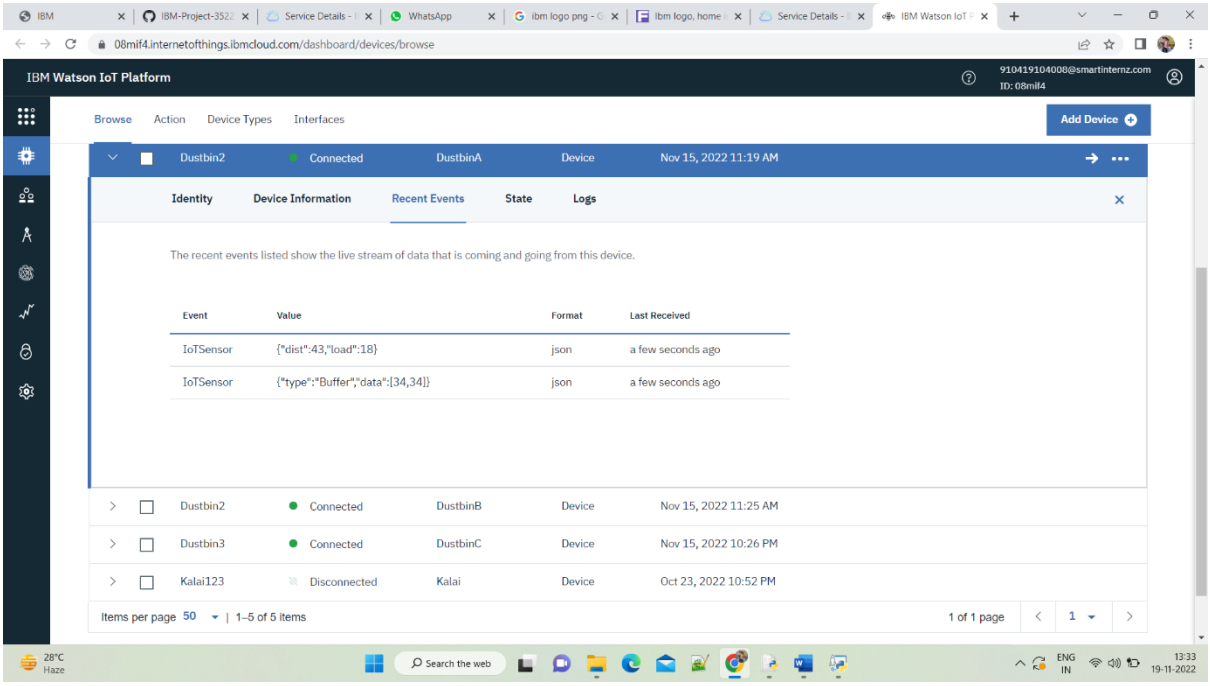
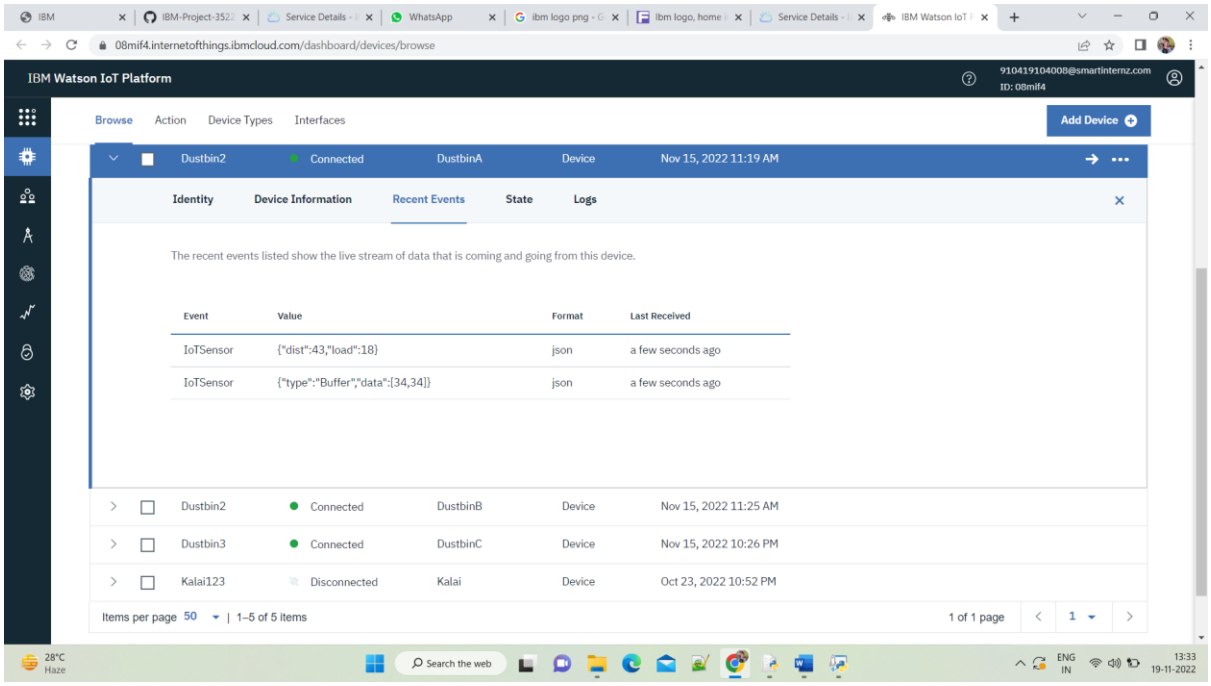
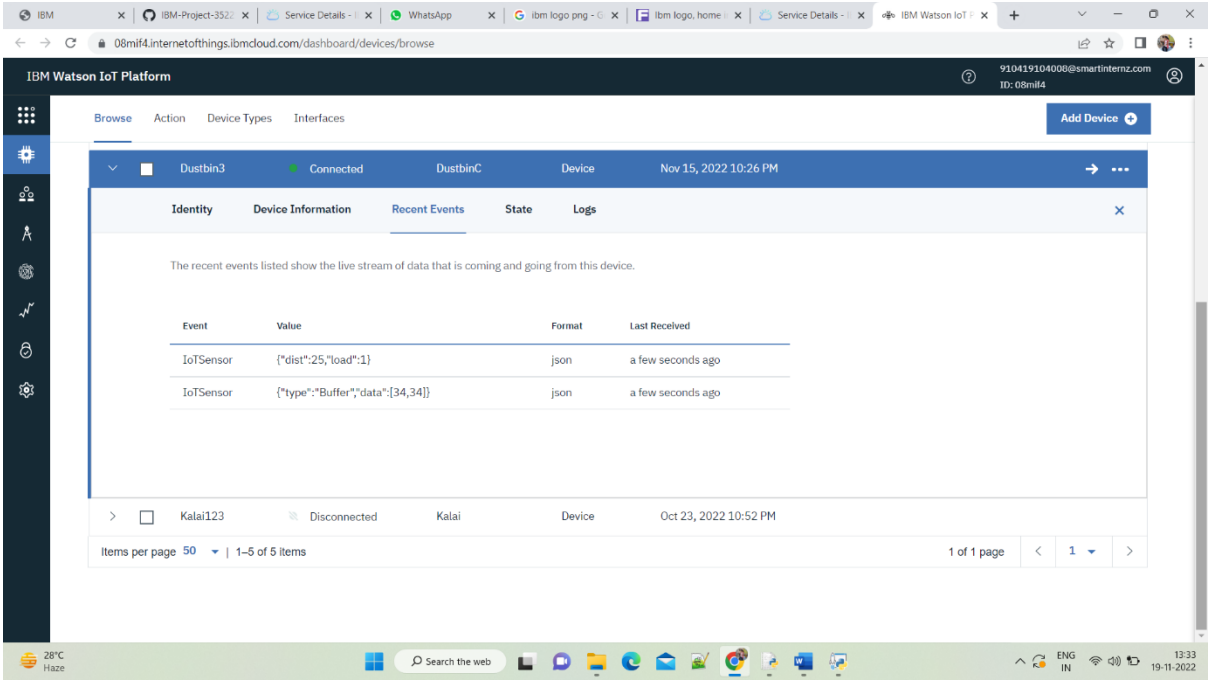
Anna Nagar,Madurai,Tamilnadu
published Level of bin = 60% Load = 100% Latitude = 10.9368 Longitude = 78.1366
100%
60%
28°C
Haze
Search the web
ENG
IN
13:19
19-11-2022

Screenshot For Connected to IBM Watson device:

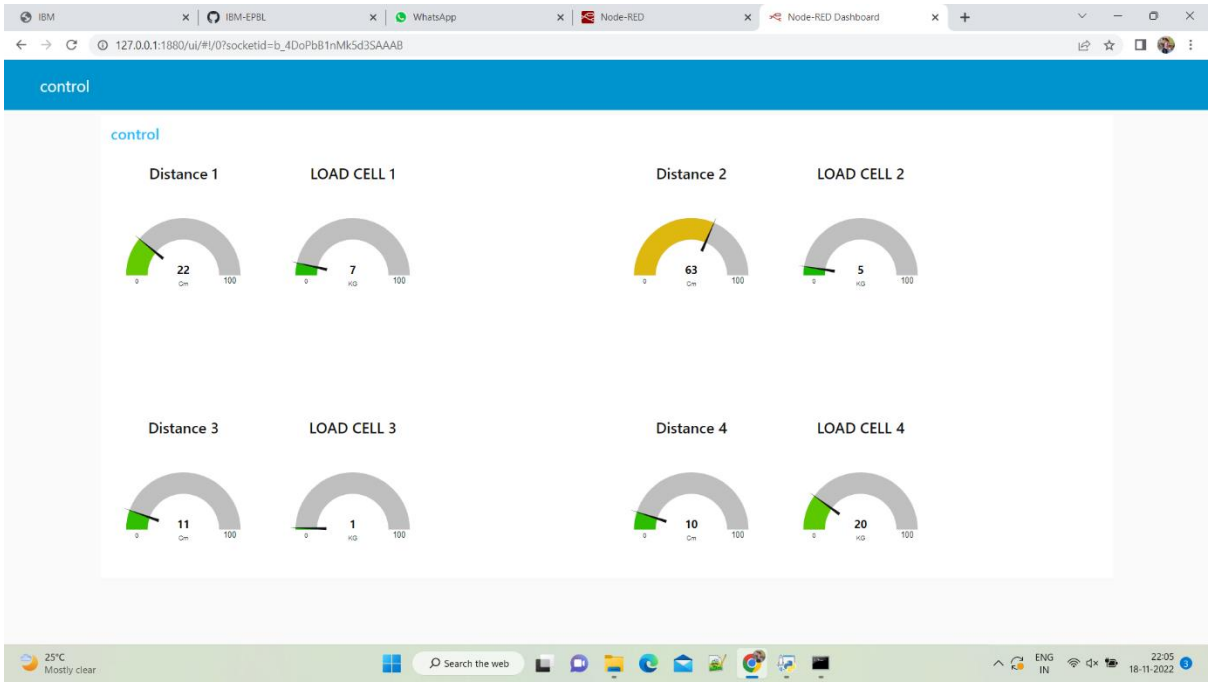
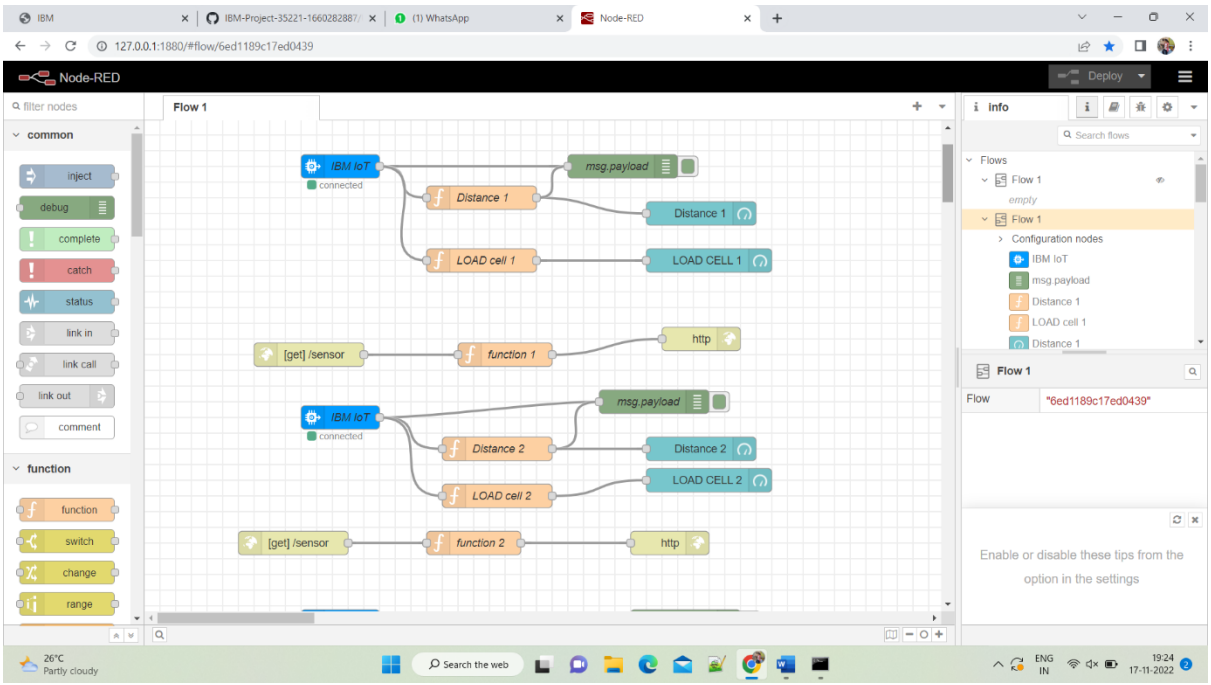





IBM Watson IoT Platform
08mif4.internetofthings.ibmcloud.com/dashboard/devices/browse
Browse
Action
Device Types
Interfaces
Add Device
Dustbin2 Connected DustbinA Device Nov 15, 2022 11:19 AM
Identity
Device Information
Recent Events
State
Logs
The recent events listed show the live stream of data that is coming and going from this device.
Event Value Format Last Received
IoTSensor {"dist":43,"load":18} json a few seconds ago
IoTSensor {"type":"Buffer","data":[34,34]} json a few seconds ago
Dustbin2 Connected DustbinB Device Nov 15, 2022 11:25 AM
Dustbin3 Connected DustbinC Device Nov 15, 2022 10:26 PM
Kalai123 Disconnected Kalai Device Oct 23, 2022 10:52 PM
Items per page 50 | 1–5 of 5 items
1 of 1 page


IBM Watson IoT Platform
08mif4.internetofthings.ibmcloud.com/dashboard/devices/browse
Browse
Action
Device Types
Interfaces
Add Device
Dustbin3 Connected DustbinC Device Nov 15, 2022 10:26 PM
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
IoTSensor {"dist":25,"load":1} json a few seconds ago
IoTSensor {"type":"Buffer","data":[34,34]} json a few seconds ago
Kalai123 Disconnected Kalai Device Oct 23, 2022 10:52 PM
Items per page 50 | 1–5 of 5 items
1 of 1 page

Screenshot for Load Cell :



Screenshot for Node-red device: