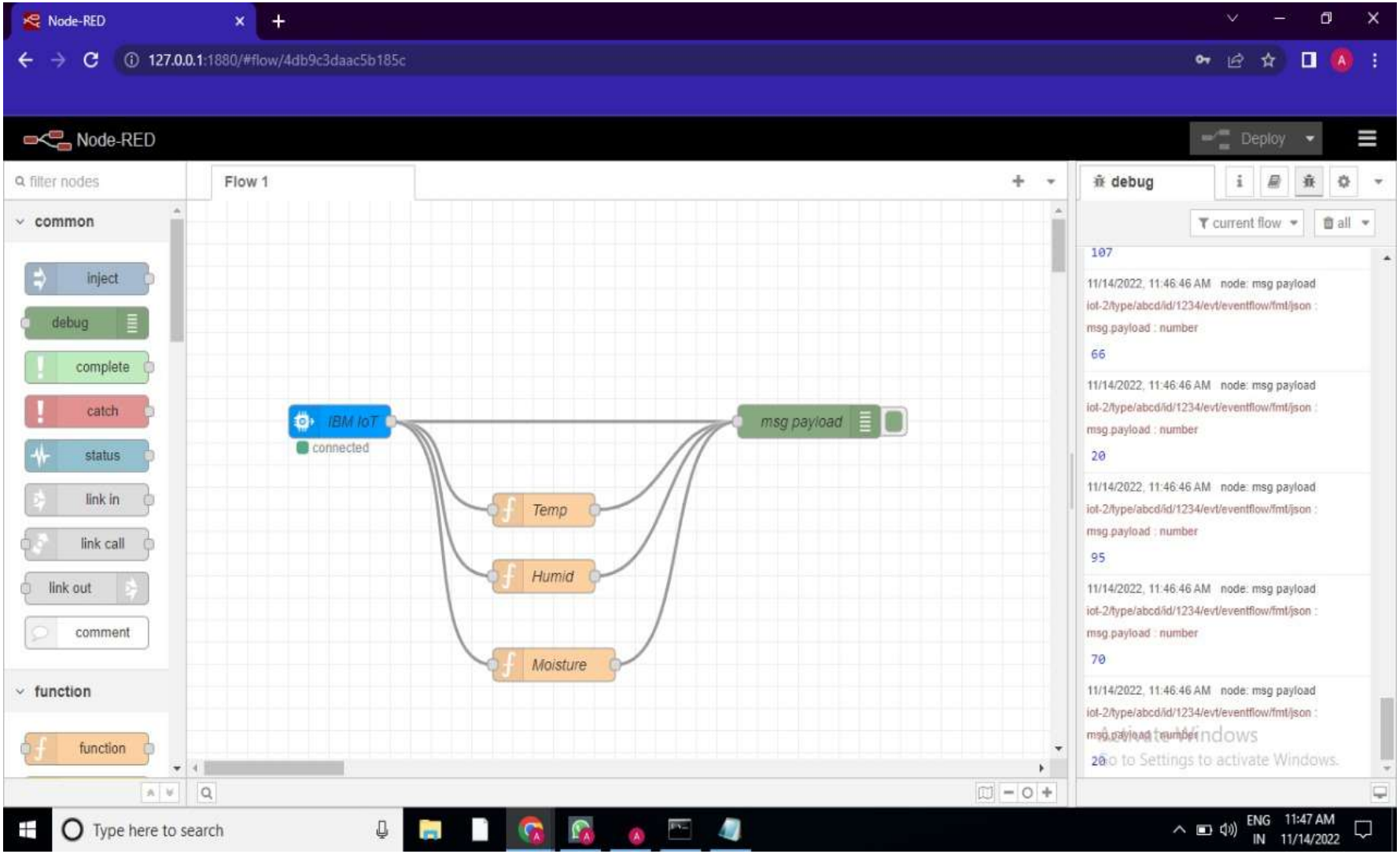
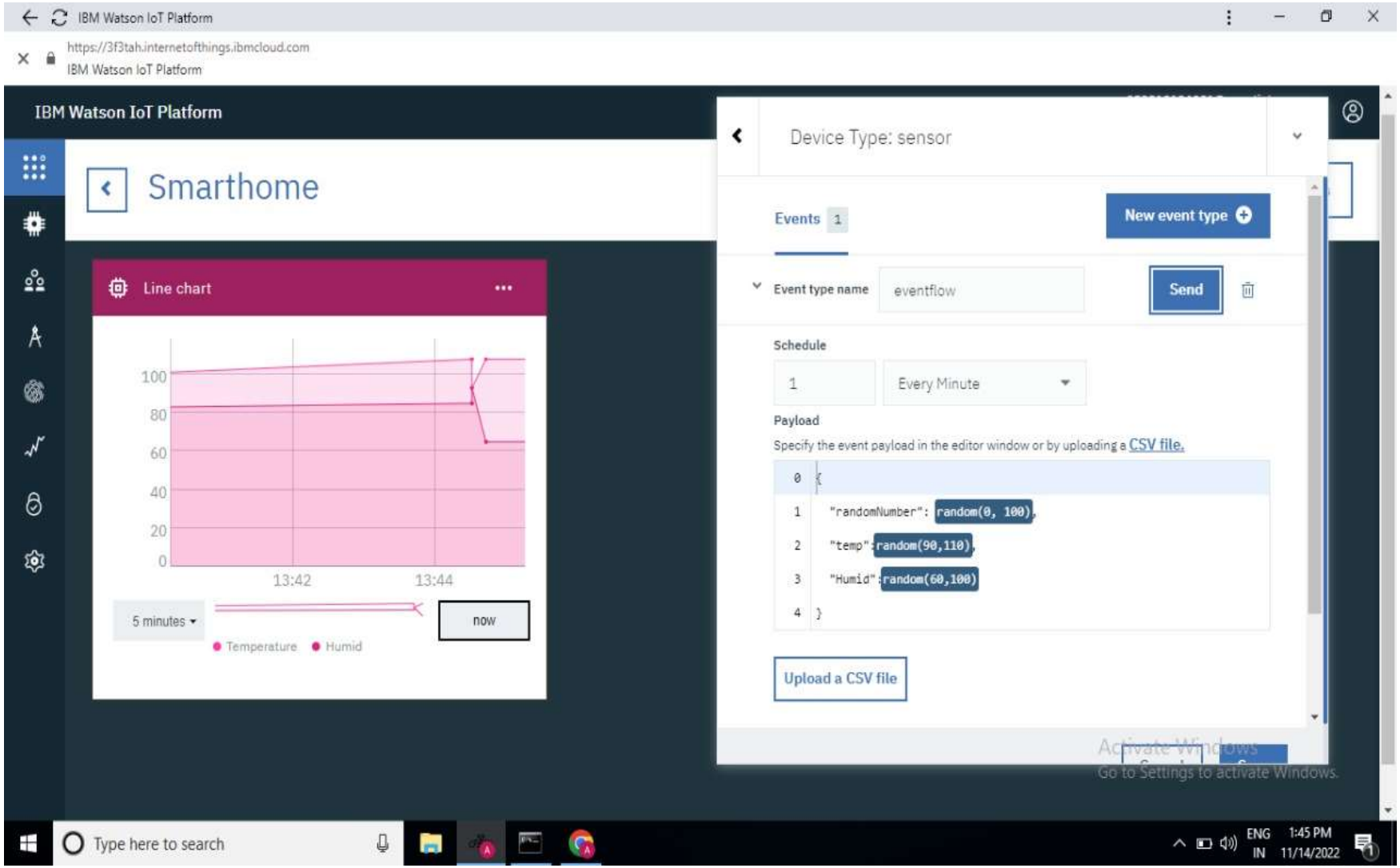
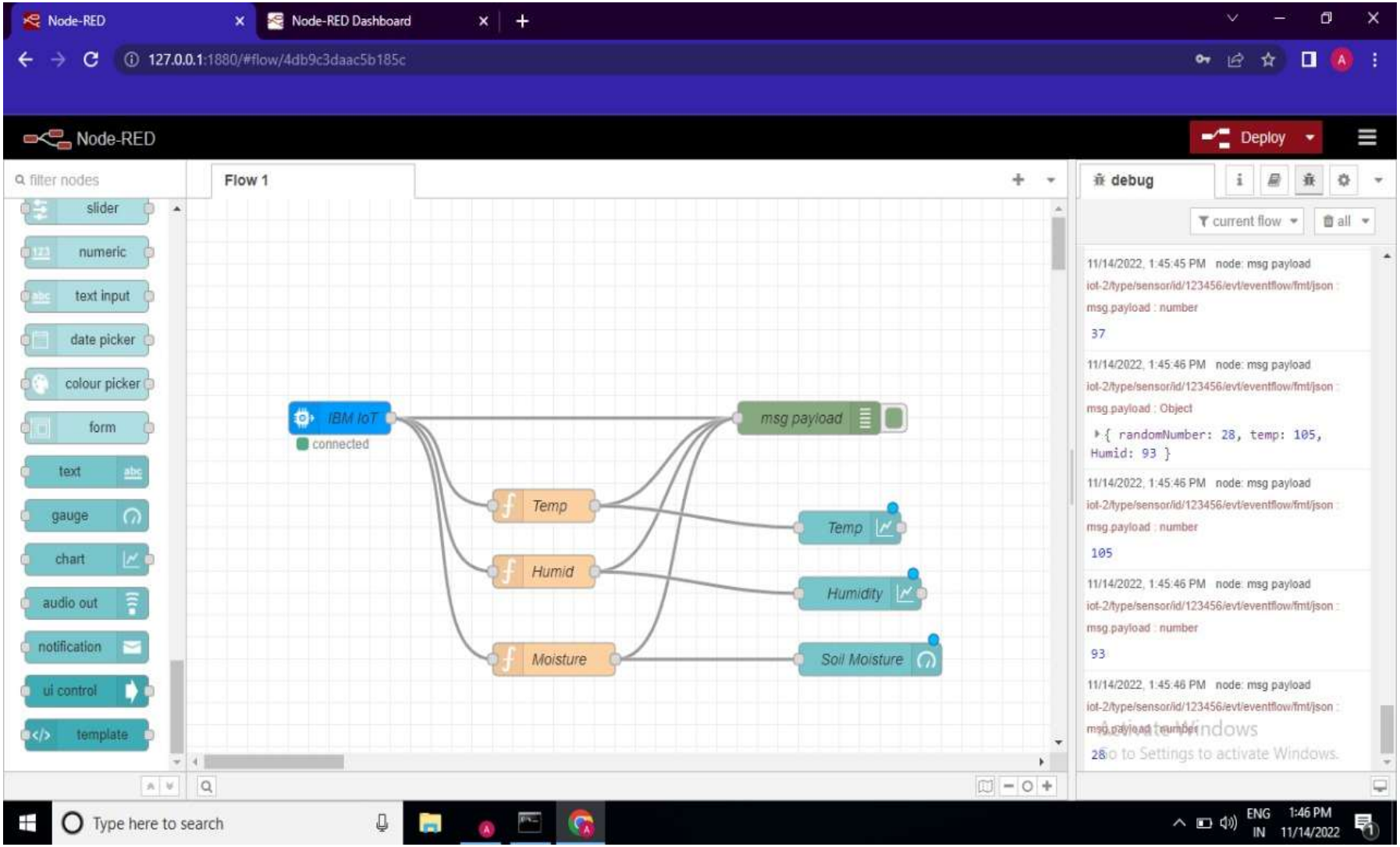
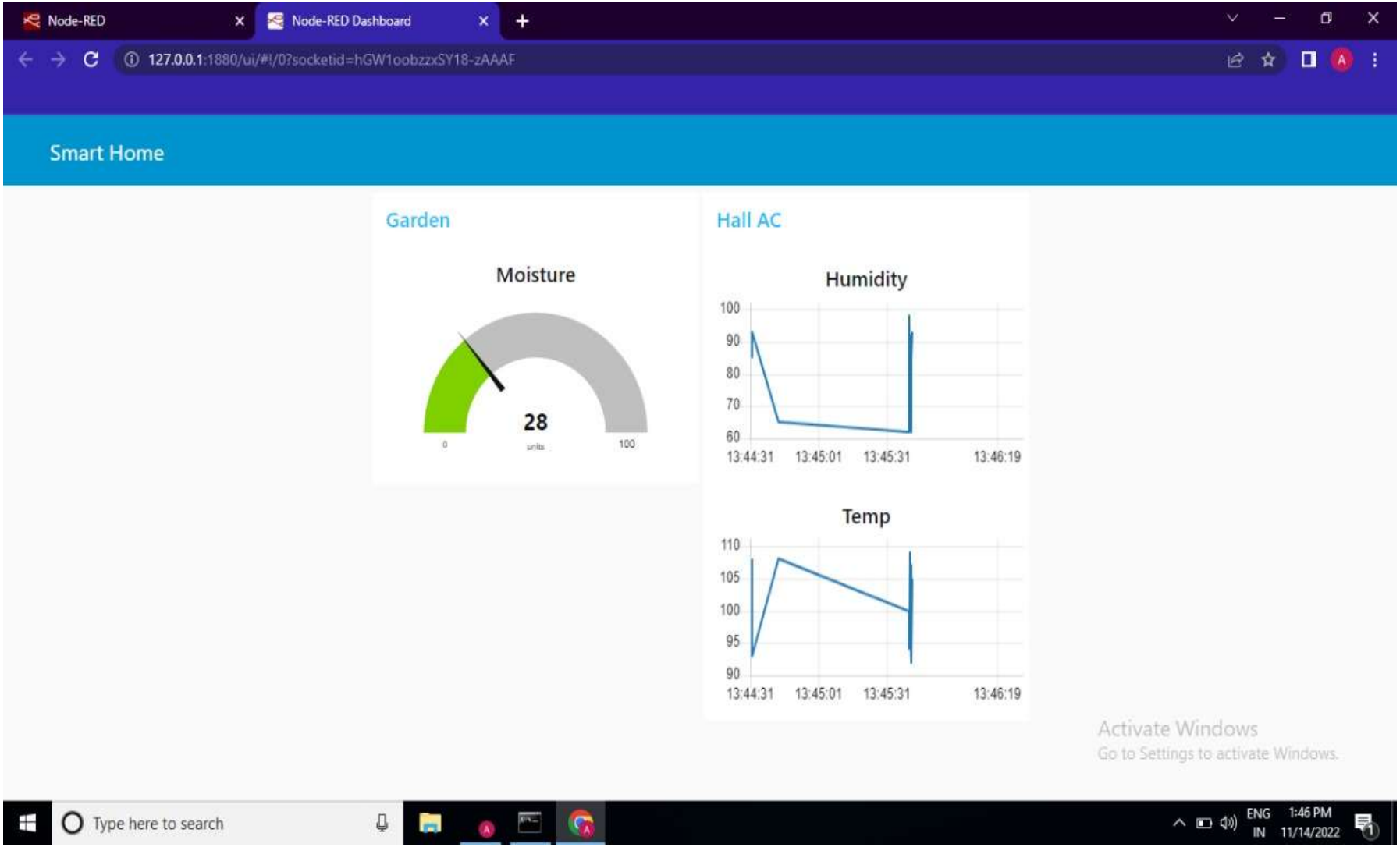
USE DASHBOARD NODES FOR CREATING UI (WEB APP)

Team ID	PNT2022TMID33826
Project Name	Smart Waste Management System For Metropolitan Cities
Maximum Marks	8 Marks


Node-RED
127.0.0.1:1880/#flow/4db9c3daac5b185c
Node-RED
Deploy
filter nodes
Flow 1
common
inject
debug
complete
catch
status
link in
link call
link out
comment
function
function
IBM IoT
connected
Temp
Humid
Moisture
msg payload
debug
current flow
all
107
11/14/2022, 11:46:46 AM node: msg payload
iot-2/type/abcd/id/1234/evt/eventflow/fmt/json : msg.payload : number
66
11/14/2022, 11:46:46 AM node: msg payload
iot-2/type/abcd/id/1234/evt/eventflow/fmt/json : msg.payload : number
20
11/14/2022, 11:46:46 AM node: msg payload
iot-2/type/abcd/id/1234/evt/eventflow/fmt/json : msg.payload : number
95
11/14/2022, 11:46:46 AM node: msg payload
iot-2/type/abcd/id/1234/evt/eventflow/fmt/json : msg.payload : number
70
11/14/2022, 11:46:46 AM node: msg payload
iot-2/type/abcd/id/1234/evt/eventflow/fmt/json : msg.payload : number
20
Activate Windows
Go to Settings to activate Windows.
Type here to search
ENG
IN
11:47 AM
11/14/2022


IBM Watson IoT Platform
https://3f3tah.internetofthings.ibmcloud.com
IBM Watson IoT Platform
IBM Watson IoT Platform
Smarthome
Line chart
100
80
60
40
20
0
13:42
13:44
5 minutes
now
Temperature
Humid
Device Type: sensor
Events 1
New event type
Event type name
eventflow
Send
Schedule
1
Every Minute
Payload
Specify the event payload in the editor window or by uploading a CSV file.
{
"randomNumber": random(0, 100),
"temp":random(90,110),
"Humid":random(60,100)
}
Upload a CSV file
Activate Windows
Go to Settings to activate Windows.
Type here to search
ENG
IN
1:45 PM
11/14/2022


Node-RED
Node-RED Dashboard
127.0.0.1:1880/#flow/4db9c3daac5b185c
Node-RED
Deploy
filter nodes
Flow 1
slider
numeric
text input
date picker
colour picker
form
text
gauge
chart
audio out
notification
ui control
template
IBM IoT
connected
msg payload
Temp
Humid
Moisture
Temp
Humidity
Soil Moisture
debug
current flow
all
11/14/2022, 1:45:45 PM node: msg payload
iot-2/type/sensor/id/123456/evt/eventflow/fmt/json : msg.payload : number
37
11/14/2022, 1:45:46 PM node: msg payload
iot-2/type/sensor/id/123456/evt/eventflow/fmt/json : msg.payload : Object
{ randomNumber: 28, temp: 105, Humid: 93 }
11/14/2022, 1:45:46 PM node: msg payload
iot-2/type/sensor/id/123456/evt/eventflow/fmt/json : msg.payload : number
105
11/14/2022, 1:45:46 PM node: msg payload
iot-2/type/sensor/id/123456/evt/eventflow/fmt/json : msg.payload : number
93
11/14/2022, 1:45:46 PM node: msg payload
iot-2/type/sensor/id/123456/evt/eventflow/fmt/json : msg.payload : number
28
Activate Windows
Go to Settings to activate Windows.
Type here to search
ENG
IN
1:46 PM
11/14/2022


Node-RED
Node-RED Dashboard
127.0.0.1:1880/ui/#!/0?socketid=hGW1oobzzxSY18-zAAAF
Smart Home
Garden
Moisture
28
0
units
100
Hall AC
Humidity
100
90
80
70
60
13:44:31
13:45:01
13:45:31
13:46:19
Temp
110
105
100
95
90
13:44:31
13:45:01
13:45:31
13:46:19
Activate Windows
Go to Settings to activate Windows.
Type here to search
ENG
IN
1:46 PM
11/14/2022