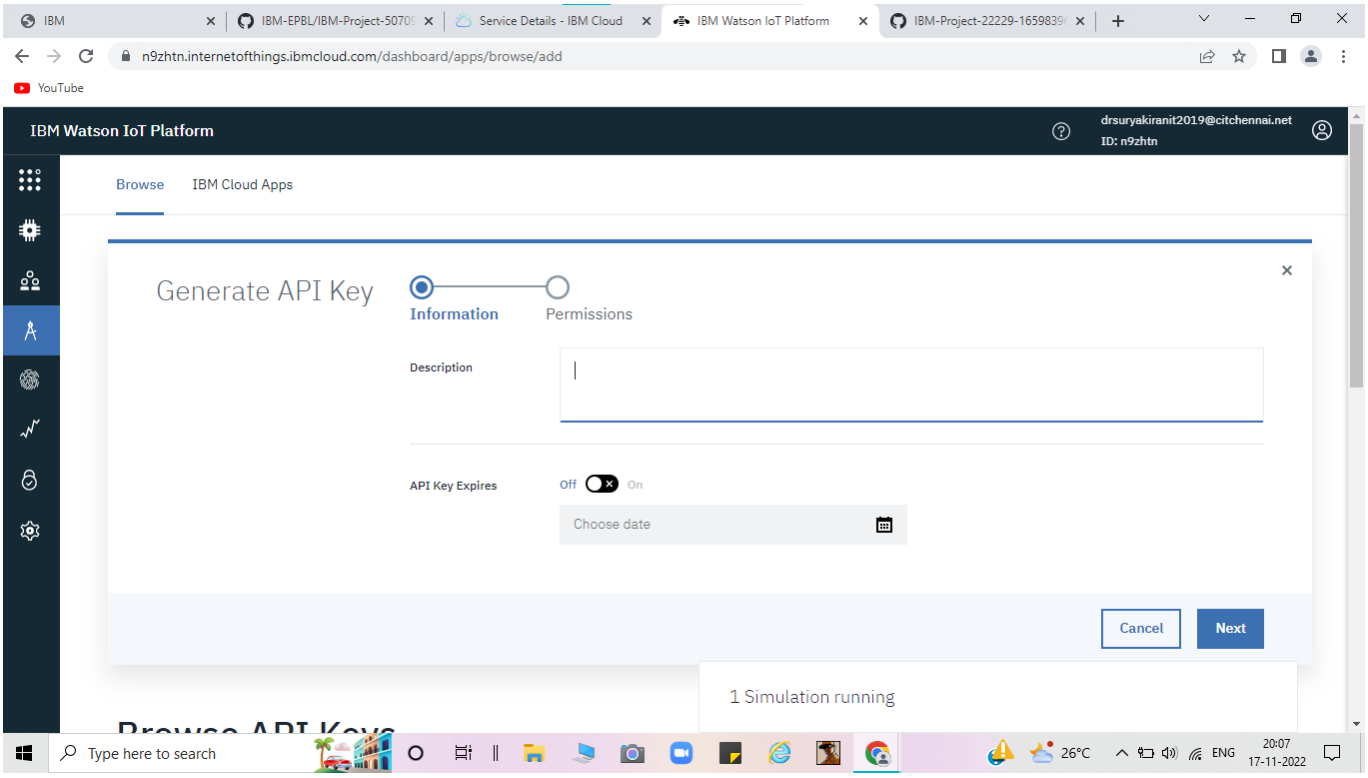
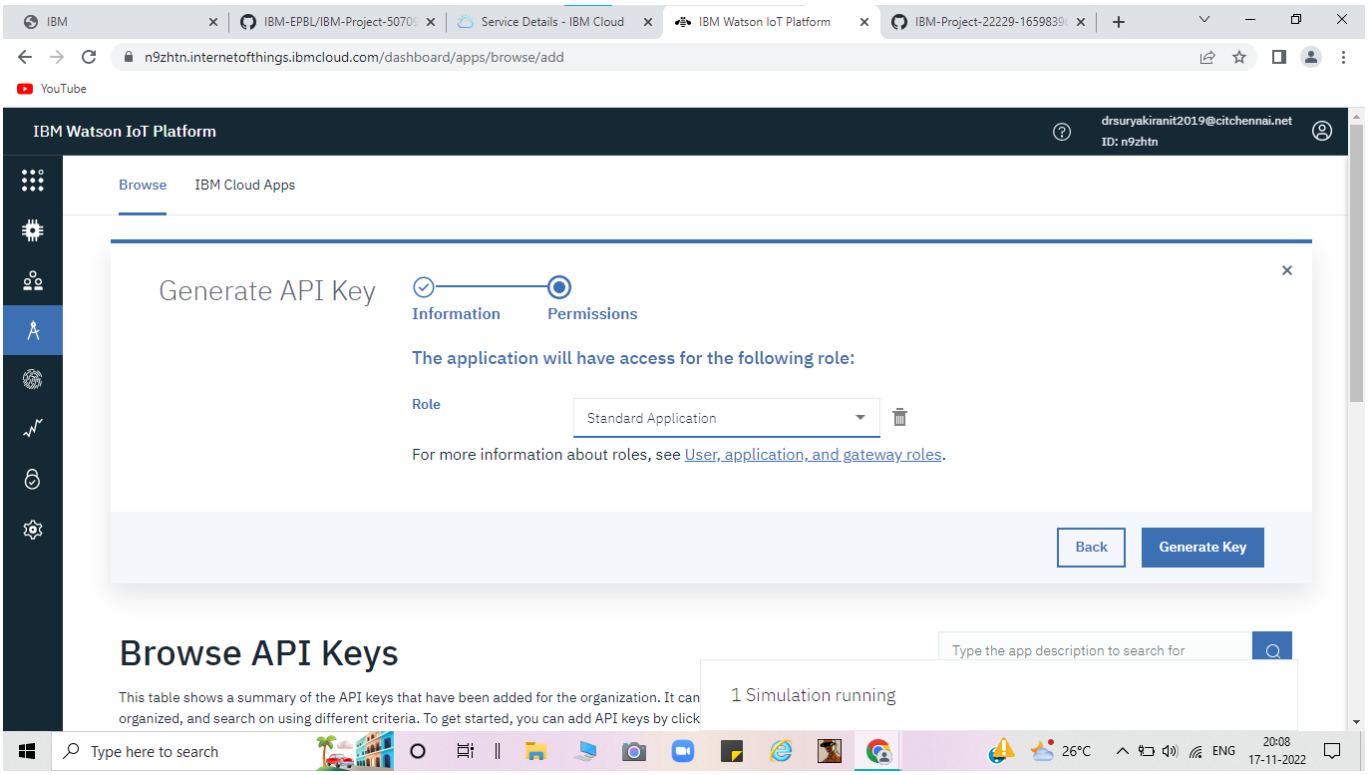
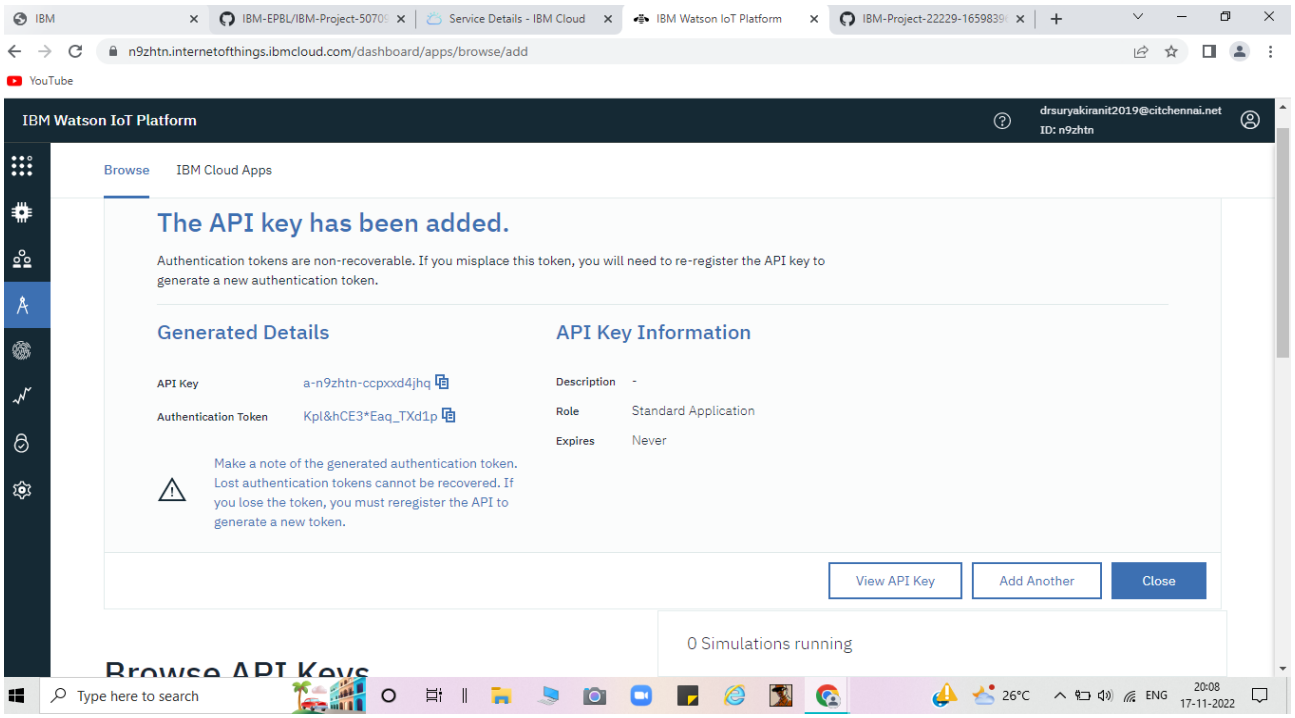
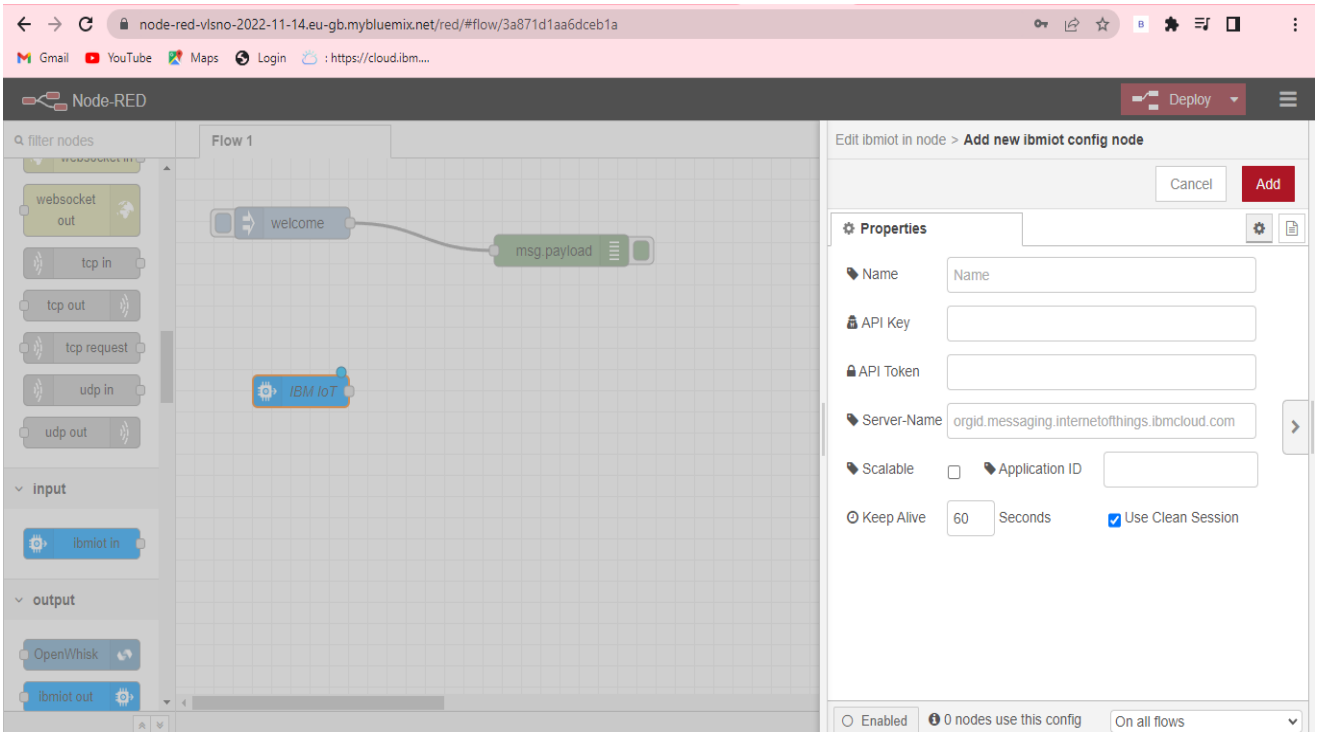
Build A Web Application Using Node-RED

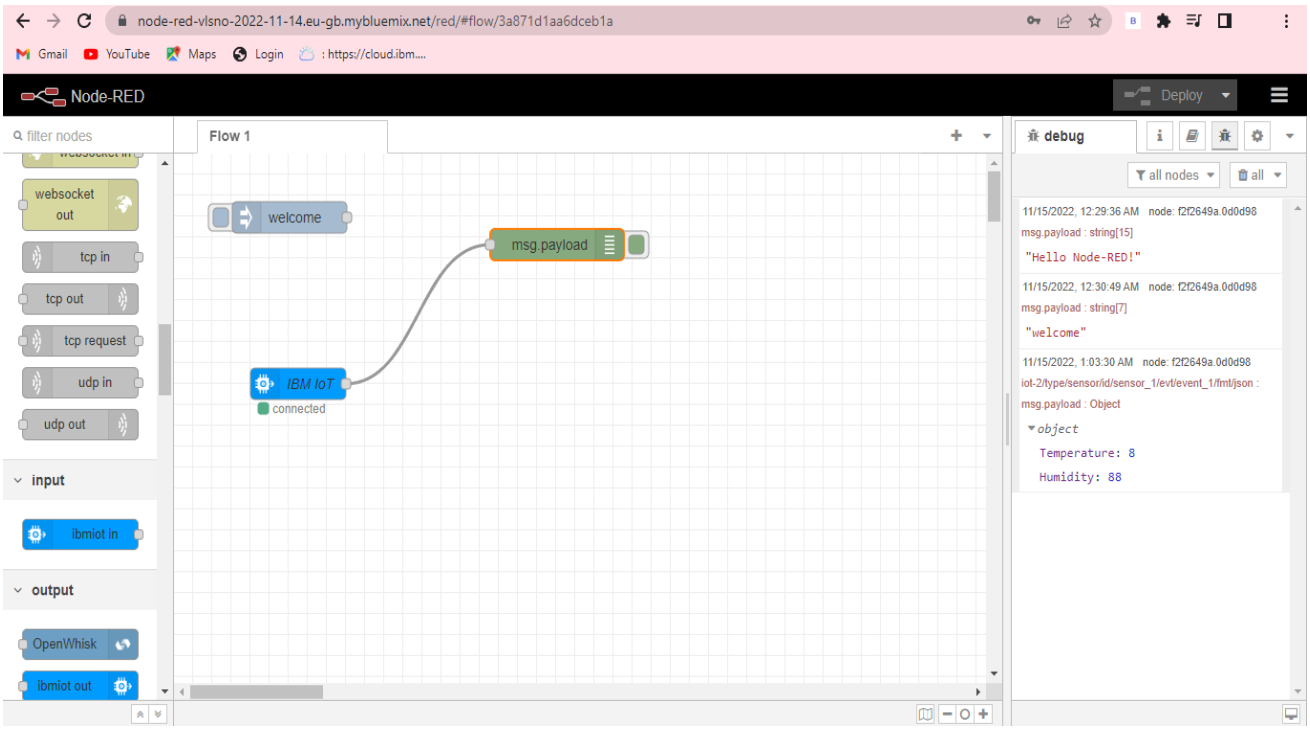
Team ID	PNT2022TMID24904
Project Name	Smart Farmer-IOT Enabled Smart FarmingApplication

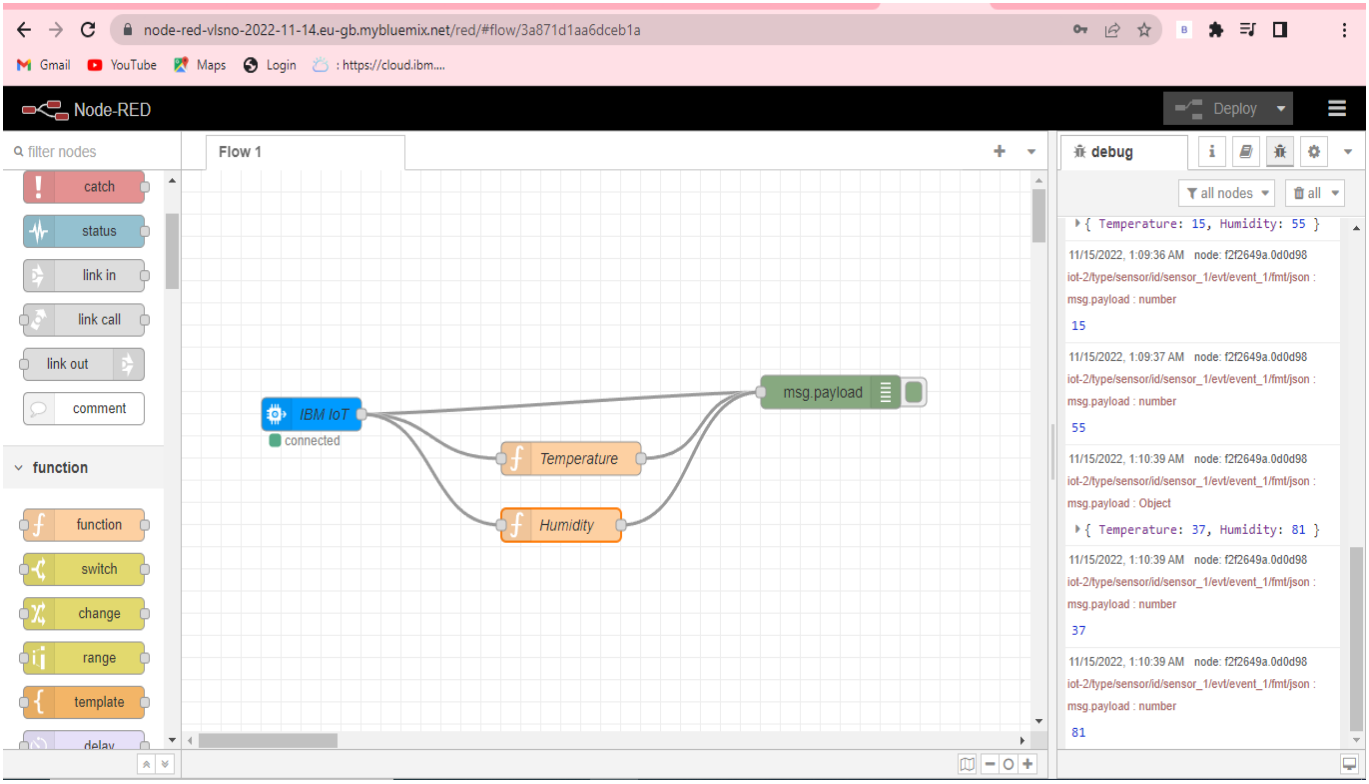


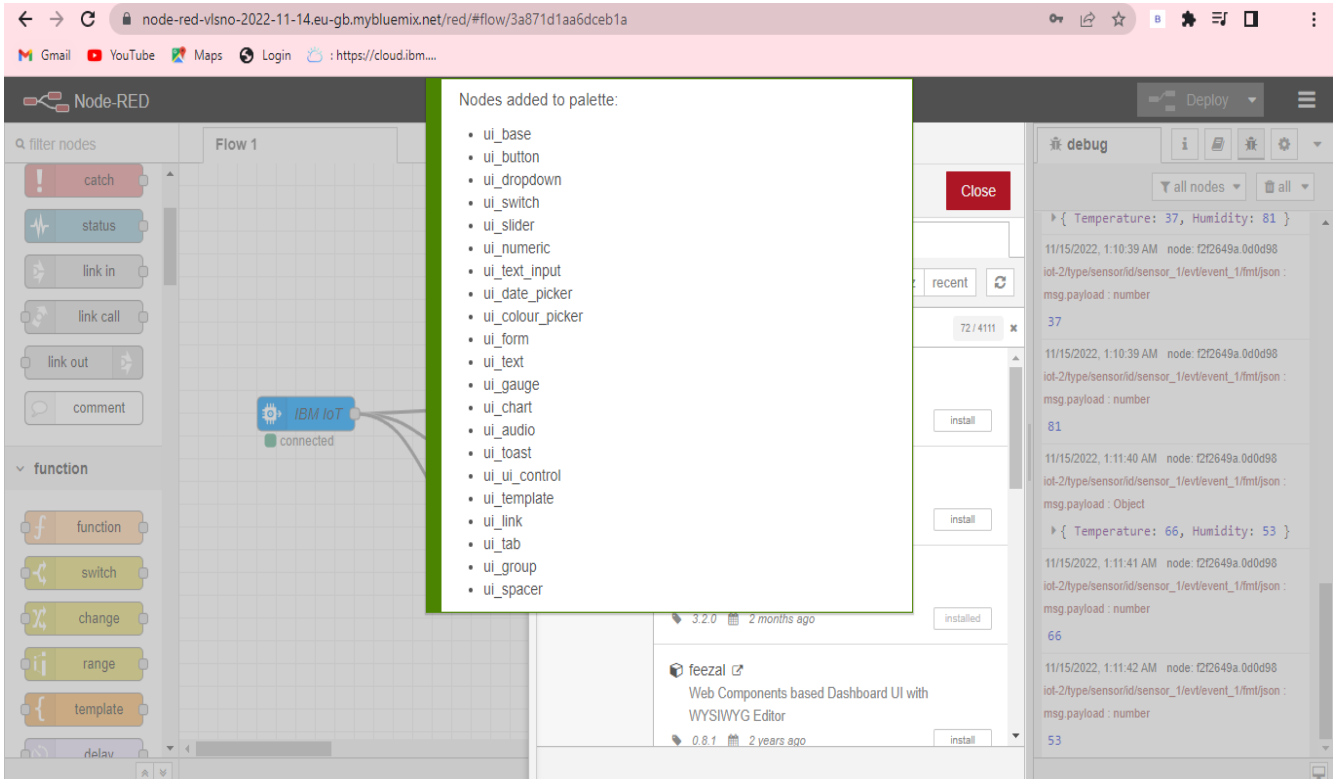


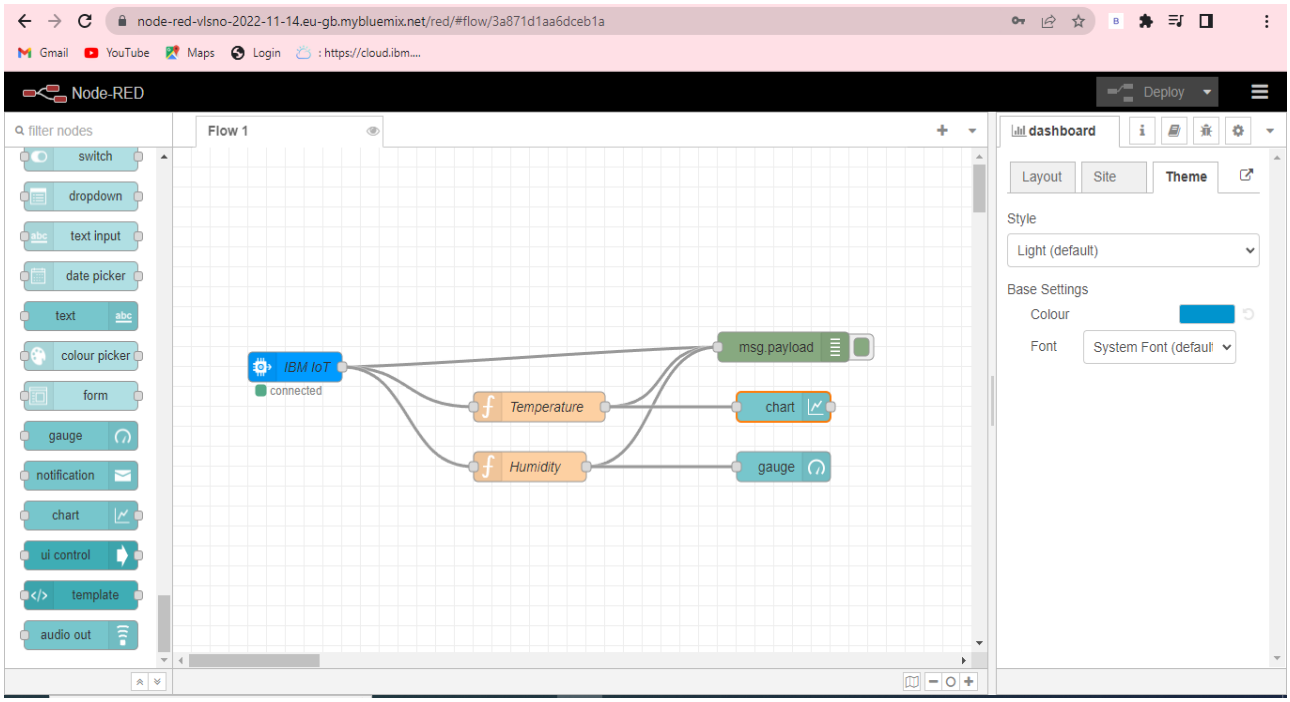

IBM Watson IoT Platform
drsuryakiranit2019@citchennai.net
ID: n9zhtn
Browse
IBM Cloud Apps
The API key has been added.
Authentication tokens are non-recoverable. If you misplace this token, you will need to re-register the API key to generate a new authentication token.
Generated Details
API Key
a-n9zhtn-ccpxxd4jhq
Authentication Token
Kpl&hCE3*Eaq_TXd1p
Make a note of the generated authentication token. Lost authentication tokens cannot be recovered. If you lose the token, you must reregister the API to generate a new token.
API Key Information
Description
-
Role
Standard Application
Expires
Never
View API Key
Add Another
Close
0 Simulations running
Browse API Keys


node-red-vlsno-2022-11-14.eu-gb.mybluemix.net/red/#flow/3a871d1aa6dceb1a
Node-RED
Deploy
Flow 1
welcome
msg payload
IBM IoT
websocket out
tcp in
tcp out
tcp request
udp in
udp out
input
ibmiot in
output
OpenWhisk
ibmiot out
Edit ibmiot in node > Add new ibmiot config node
Cancel
Add
Properties
Name
API Key
API Token
Server-Name
orgid.messaging.internetofthings.ibmcloud.com
Scalable
Application ID
Keep Alive
60
Seconds
Use Clean Session
Enabled
0 nodes use this config
On all flows

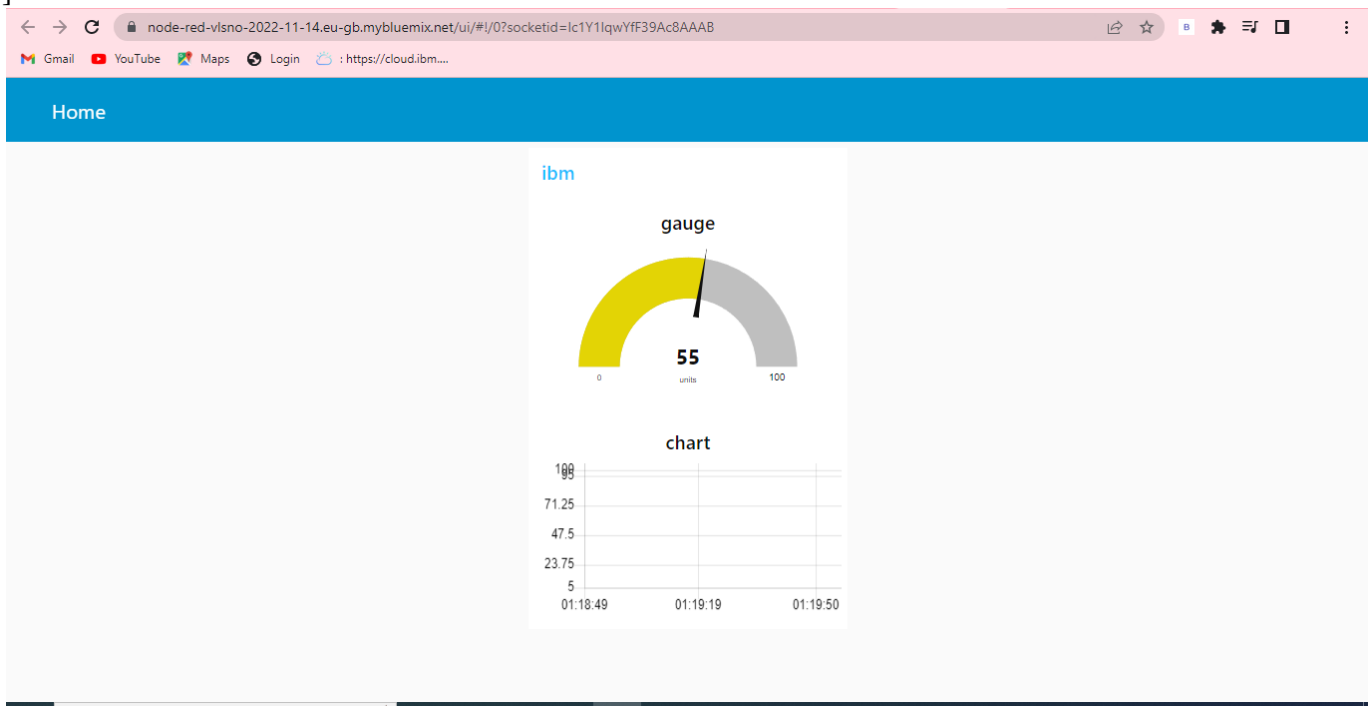

node-red-vlsno-2022-11-14.eu-gb.mybluemix.net/red/#flow/3a871d1aa6dceb1a
Gmail
YouTube
Maps
Login
: https://cloud.ibm....
Node-RED
Deploy
filter nodes
Flow 1
websocket out
tcp in
tcp out
tcp request
udp in
udp out
input
ibmiot in
output
OpenWhisk
ibmiot out
welcome
msg.payload
IBM IoT
connected
debug
all nodes
all
11/15/2022, 12:29:36 AM node: f2f2649a.0d0d98
msg.payload : string[15]
"Hello Node-RED!"
11/15/2022, 12:30:49 AM node: f2f2649a.0d0d98
msg.payload : string[7]
"welcome"
11/15/2022, 1:03:30 AM node: f2f2649a.0d0d98
iot-2/type/sensor/id/sensor_1/evt/event_1/fmt/json :
msg.payload : Object
object
Temperature: 8
Humidity: 88

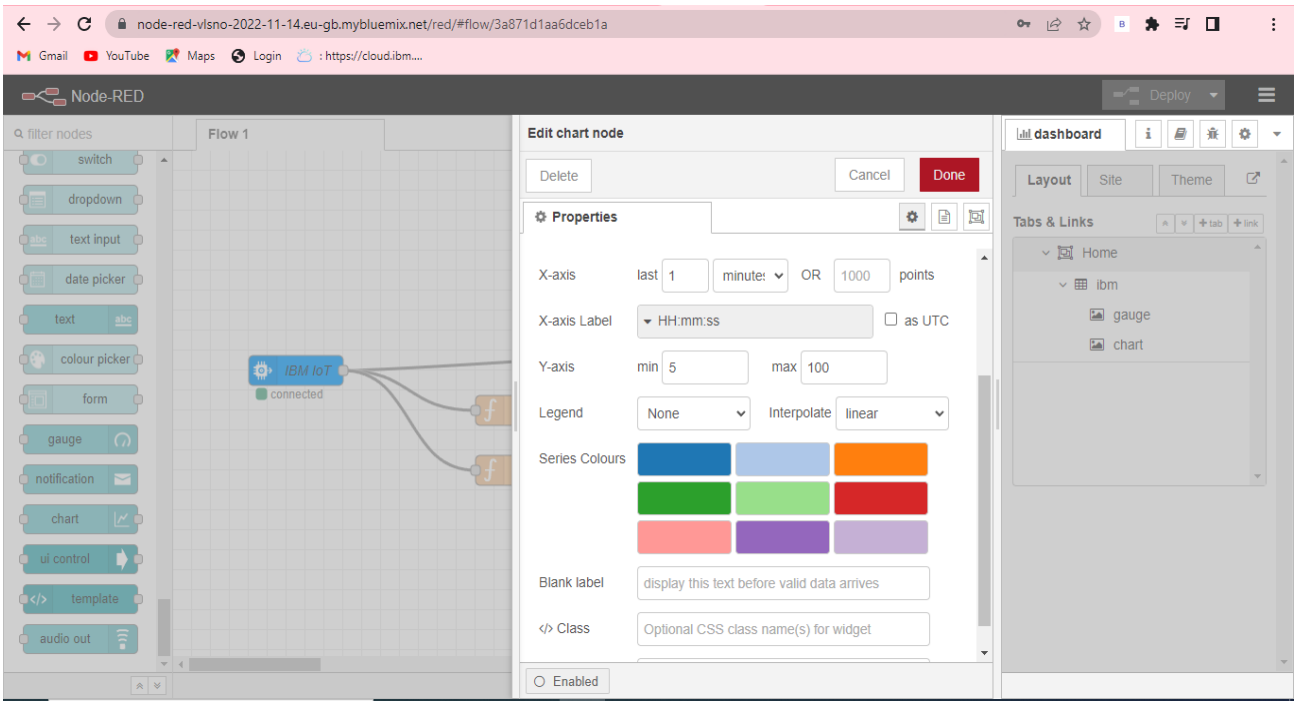

node-red-vlsno-2022-11-14.eu-gb.mybluemix.net/red/#flow/3a871d1aa6dceb1a
Gmail
YouTube
Maps
Login
: https://cloud.ibm....
Node-RED
Deploy
filter nodes
Flow 1
catch
status
link in
link call
link out
comment
function
function
switch
change
range
template
delay
IBM IoT
connected
Temperature
Humidity
msg.payload
debug
all nodes
all
{ Temperature: 15, Humidity: 55 }
11/15/2022, 1:09:36 AM node: f2f2649a.0d0d98
iot-2/type/sensor/id/sensor_1/evt/event_1/fmt/json :
msg.payload : number
15
11/15/2022, 1:09:37 AM node: f2f2649a.0d0d98
iot-2/type/sensor/id/sensor_1/evt/event_1/fmt/json :
msg.payload : number
55
11/15/2022, 1:10:39 AM node: f2f2649a.0d0d98
iot-2/type/sensor/id/sensor_1/evt/event_1/fmt/json :
msg.payload : Object
{ Temperature: 37, Humidity: 81 }
11/15/2022, 1:10:39 AM node: f2f2649a.0d0d98
iot-2/type/sensor/id/sensor_1/evt/event_1/fmt/json :
msg.payload : number
37
11/15/2022, 1:10:39 AM node: f2f2649a.0d0d98
iot-2/type/sensor/id/sensor_1/evt/event_1/fmt/json :
msg.payload : number
81

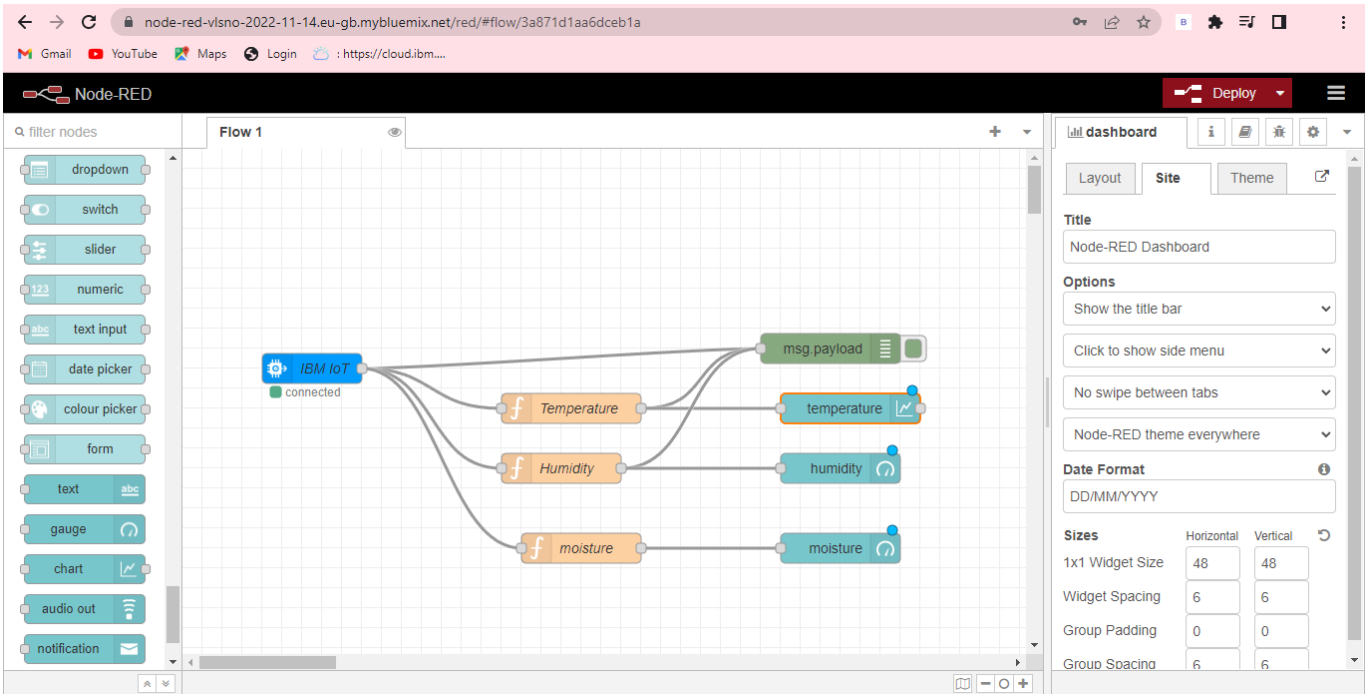

node-red-vlsno-2022-11-14.eu-gb.mybluemix.net/red/#flow/3a871d1aa6dceb1a
Gmail
YouTube
Maps
Login
: https://cloud.ibm....
Node-RED
Deploy
Nodes added to palette:
ui_base
ui_button
ui_dropdown
ui_switch
ui_slider
ui_numeric
ui_text_input
ui_date_picker
ui_colour_picker
ui_form
ui_text
ui_gauge
ui_chart
ui_audio
ui_toast
ui_ui_control
ui_template
ui_link
ui_tab
ui_group
ui_spacer
filter nodes
Flow 1
catch
status
link in
link call
link out
comment
function
function
switch
change
range
template
delay
IBM IoT
connected
Close
debug
all nodes
{ Temperature: 37, Humidity: 81 }
11/15/2022, 1:10:39 AM node: f2f2649a.0d0d98
iot-2/type/sensor/id/sensor_1/evt/event_1/fmt/json : msg.payload : number
37
11/15/2022, 1:10:39 AM node: f2f2649a.0d0d98
iot-2/type/sensor/id/sensor_1/evt/event_1/fmt/json : msg.payload : number
81
11/15/2022, 1:11:40 AM node: f2f2649a.0d0d98
iot-2/type/sensor/id/sensor_1/evt/event_1/fmt/json : msg.payload : Object
{ Temperature: 66, Humidity: 53 }
11/15/2022, 1:11:41 AM node: f2f2649a.0d0d98
iot-2/type/sensor/id/sensor_1/evt/event_1/fmt/json : msg.payload : number
66
11/15/2022, 1:11:42 AM node: f2f2649a.0d0d98
iot-2/type/sensor/id/sensor_1/evt/event_1/fmt/json : msg.payload : number
53
recent
install
installed
3.2.0 2 months ago
feezal
Web Components based Dashboard UI with WYSIWYG Editor
0.8.1 2 years ago

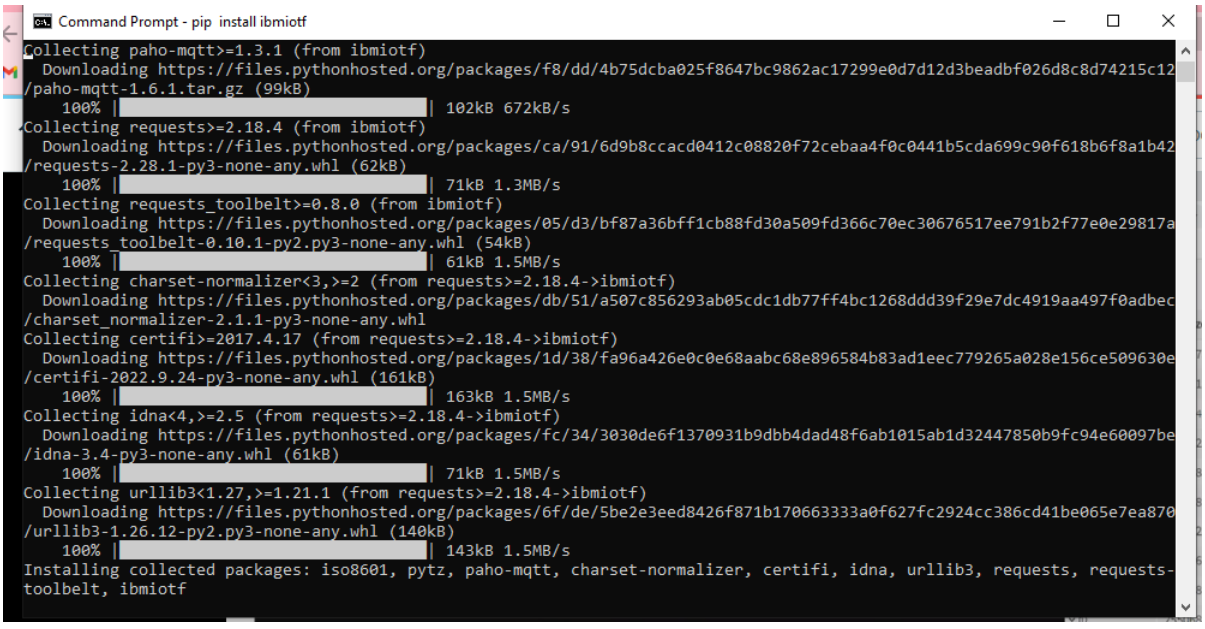

node-red-vlsno-2022-11-14.eu-gb.mybluemix.net/red/#flow/3a871d1aa6dceb1a
Gmail
YouTube
Maps
Login
: https://cloud.ibm....
Node-RED
Deploy
filter nodes
Flow 1
switch
dropdown
text input
date picker
text
colour picker
form
gauge
notification
chart
ui control
template
audio out
IBM IoT
connected
Temperature
Humidity
msg.payload
chart
gauge
dashboard
Layout
Site
Theme
Style
Light (default)
Base Settings
Colour
Font
System Font (default

]


node-red-vlsno-2022-11-14.eu-gb.mybluemix.net/ui/#!/0?socketid=lc1Y1lqwYfF39Ac8AAAB
Gmail
YouTube
Maps
Login
: https://cloud.ibm....
Home
ibm
gauge
55
units
0
100
chart
100
71.25
47.5
23.75
5
01:18:49
01:19:19
01:19:50


node-red-vlsno-2022-11-14.eu-gb.mybluemix.net/red/#flow/3a871d1aa6dceb1a
Gmail
YouTube
Maps
Login
: https://cloud.ibm....
Node-RED
Deploy
filter nodes
Flow 1
switch
dropdown
text input
date picker
text
colour picker
form
gauge
notification
chart
ui control
template
audio out
IBM IoT
connected
Edit chart node
Delete
Cancel
Done
Properties
X-axis
last
1
minutes
OR
1000
points
X-axis Label
HH:mm:ss
as UTC
Y-axis
min
5
max
100
Legend
None
Interpolate
linear
Series Colours
Blank label
display this text before valid data arrives
Class
Optional CSS class name(s) for widget
Enabled
dashboard
Layout
Site
Theme
Tabs & Links
Home
ibm
gauge
chart

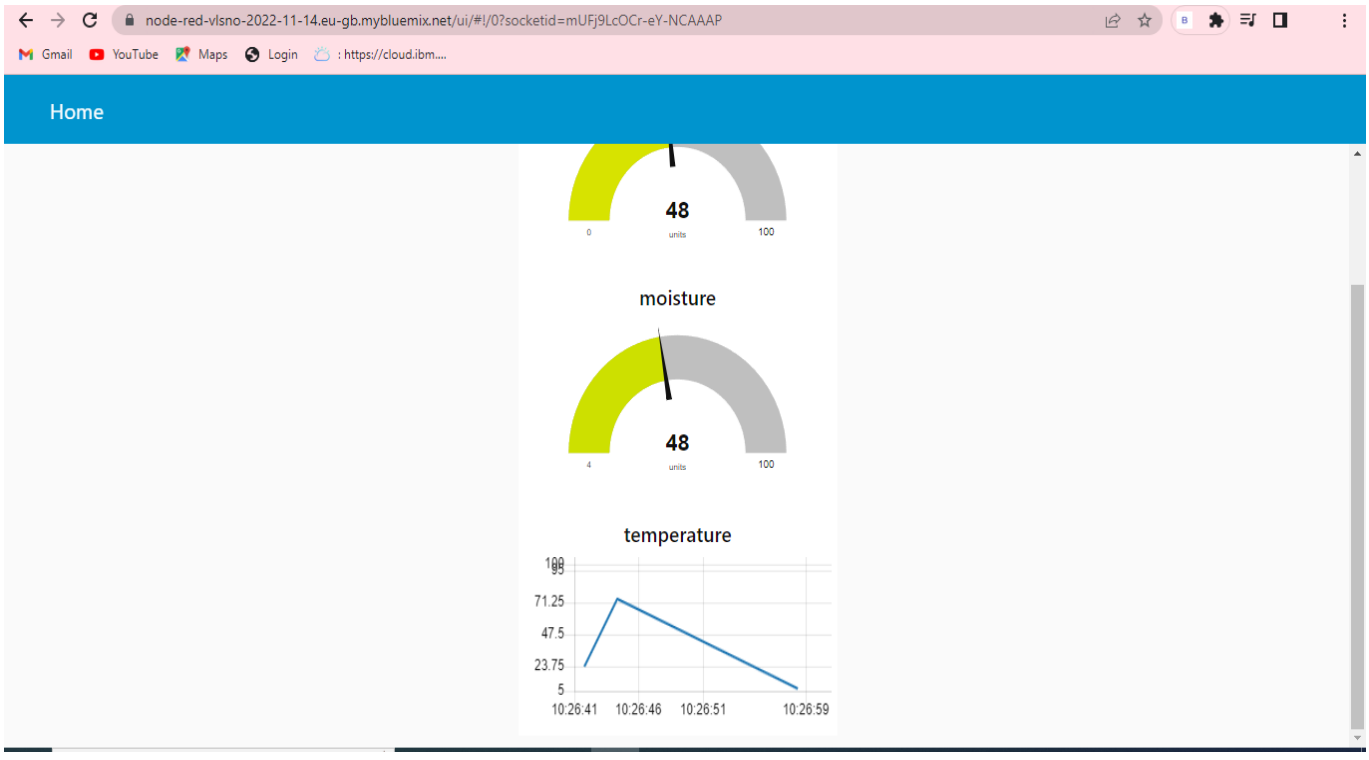

node-red-vlsno-2022-11-14.eu-gb.mybluemix.net/red/#flow/3a871d1aa6dceb1a
Gmail
YouTube
Maps
Login
: https://cloud.ibm....
Node-RED
Deploy
filter nodes
Flow 1
dropdown
switch
slider
numeric
text input
date picker
colour picker
form
text
gauge
chart
audio out
notification
IBM IoT
connected
Temperature
Humidity
moisture
msg.payload
temperature
humidity
moisture
dashboard
Layout
Site
Theme
Title
Node-RED Dashboard
Options
Show the title bar
Click to show side menu
No swipe between tabs
Node-RED theme everywhere
Date Format
DD/MM/YYYY
Sizes
Horizontal
Vertical
1x1 Widget Size
48
48
Widget Spacing
6
6
Group Padding
0
0
Group Spacing
6
6

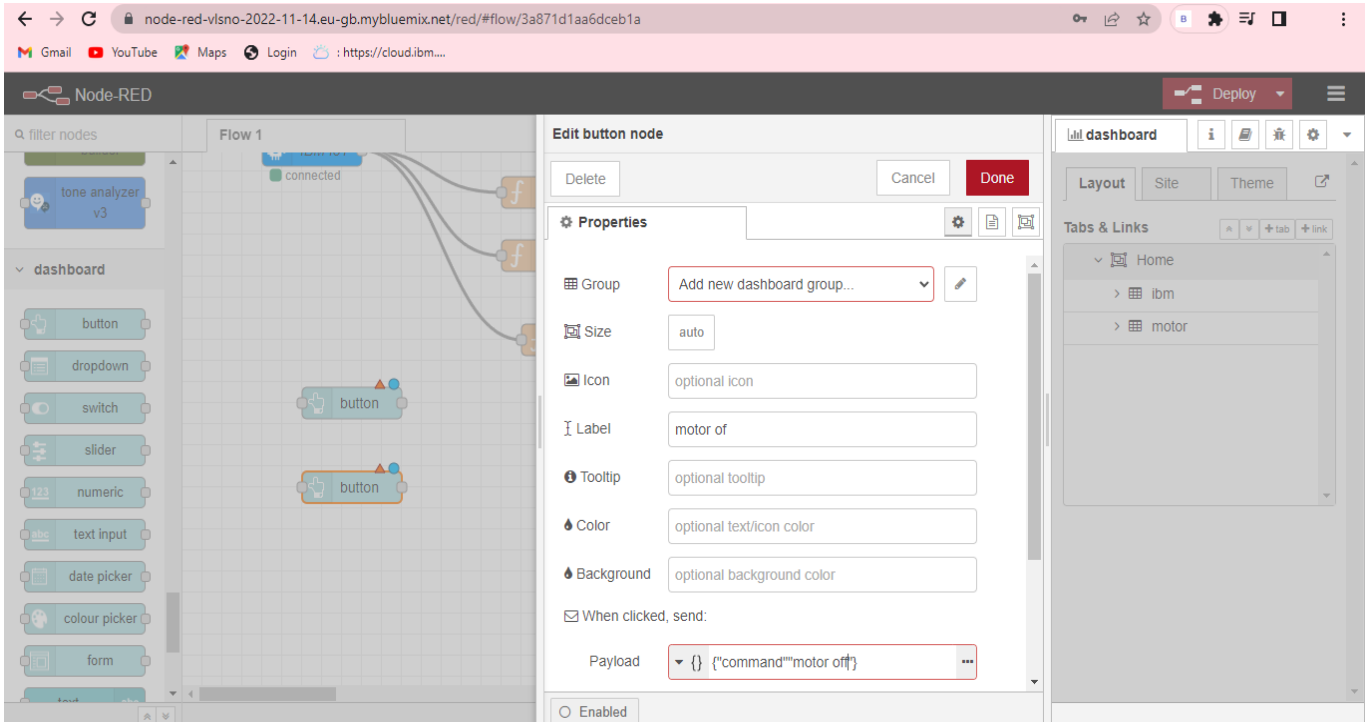

Command Prompt - pip install ibmiotf
Collecting paho-mqtt>=1.3.1 (from ibmiotf)
Downloading https://files.pythonhosted.org/packages/f8/dd/4b75dcba025f8647bc9862ac17299e0d7d12d3beadbf026d8c8d74215c12
/paho-mqtt-1.6.1.tar.gz (99kB)
100% | 102kB 672kB/s
Collecting requests>=2.18.4 (from ibmiotf)
Downloading https://files.pythonhosted.org/packages/ca/91/6d9b8ccacd0412c08820f72cebaa4f0c0441b5cda699c90f618b6f8a1b42
/requests-2.28.1-py3-none-any.whl (62kB)
100% | 71kB 1.3MB/s
Collecting requests_toolbelt>=0.8.0 (from ibmiotf)
Downloading https://files.pythonhosted.org/packages/05/d3/bf87a36bff1cb88fd30a509fd366c70ec30676517ee791b2f77e0e29817a
/requests_toolbelt-0.10.1-py2.py3-none-any.whl (54kB)
100% | 61kB 1.5MB/s
Collecting charset-normalizer<3,>=2 (from requests>=2.18.4->ibmiotf)
Downloading https://files.pythonhosted.org/packages/db/51/a507c856293ab05cdc1db77ff4bc1268ddd39f29e7dc4919aa497f0adbec
/charset_normalizer-2.1.1-py3-none-any.whl
Collecting certifi>=2017.4.17 (from requests>=2.18.4->ibmiotf)
Downloading https://files.pythonhosted.org/packages/1d/38/fa96a426e0c0e68aabc68e896584b83ad1eec779265a028e156ce509630e
/certifi-2022.9.24-py3-none-any.whl (161kB)
100% | 163kB 1.5MB/s
Collecting idna<4,>=2.5 (from requests>=2.18.4->ibmiotf)
Downloading https://files.pythonhosted.org/packages/fc/34/3030de6f1370931b9dbb4dad48f6ab1015ab1d32447850b9fc94e60097be
/idna-3.4-py3-none-any.whl (61kB)
100% | 71kB 1.5MB/s
Collecting urllib3<1.27,>=1.21.1 (from requests>=2.18.4->ibmiotf)
Downloading https://files.pythonhosted.org/packages/6f/de/5be2e3eed8426f871b170663333a0f627fc2924cc386cd41be065e7ea870
/urllib3-1.26.12-py2.py3-none-any.whl (140kB)
100% | 143kB 1.5MB/s
Installing collected packages: iso8601, pytz, paho-mqtt, charset-normalizer, certifi, idna, urllib3, requests, requests-
toolbelt, ibmiotf

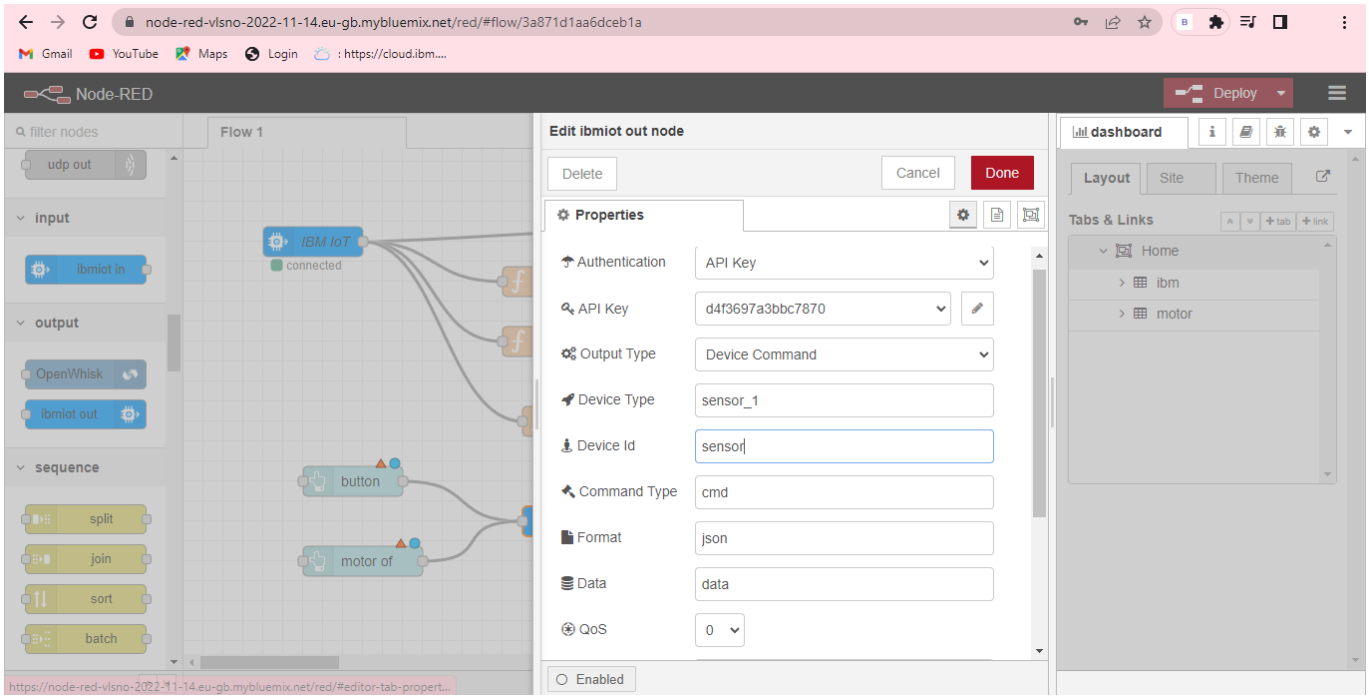
py ibm.py - F:\py ibm.py (3.7.0)

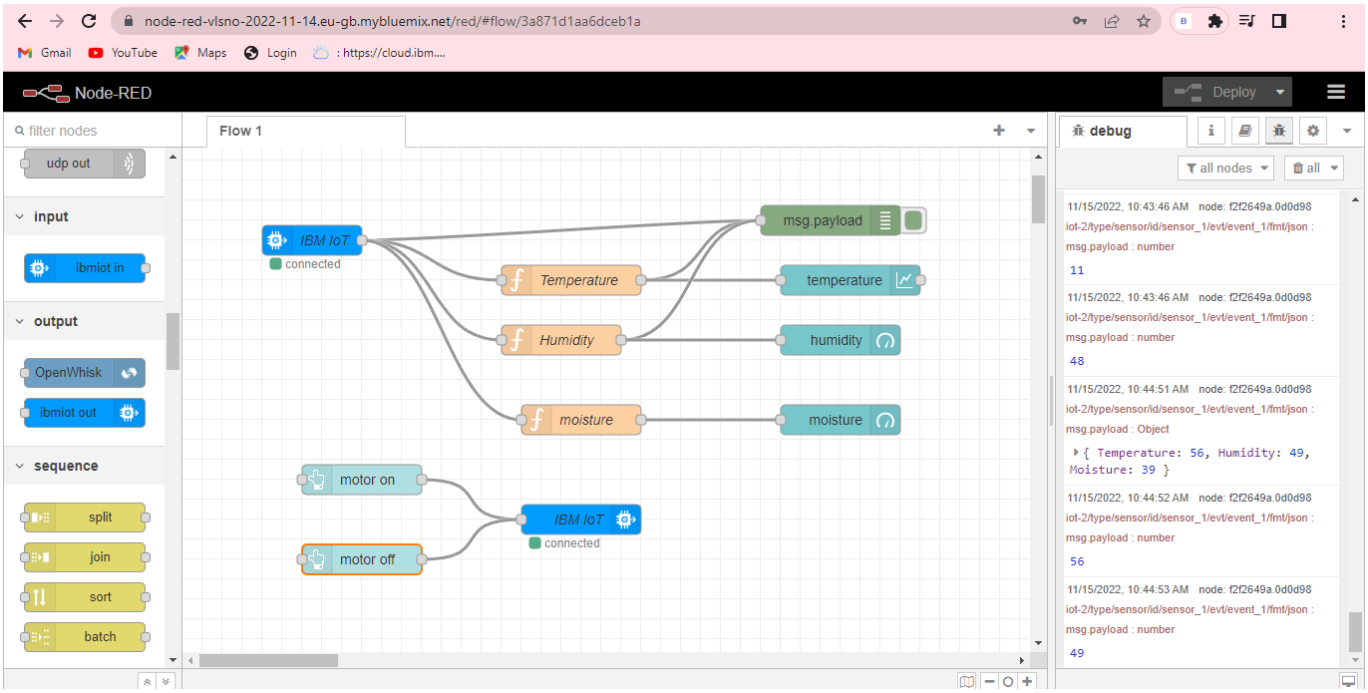
File Edit Format Run Options Window Help

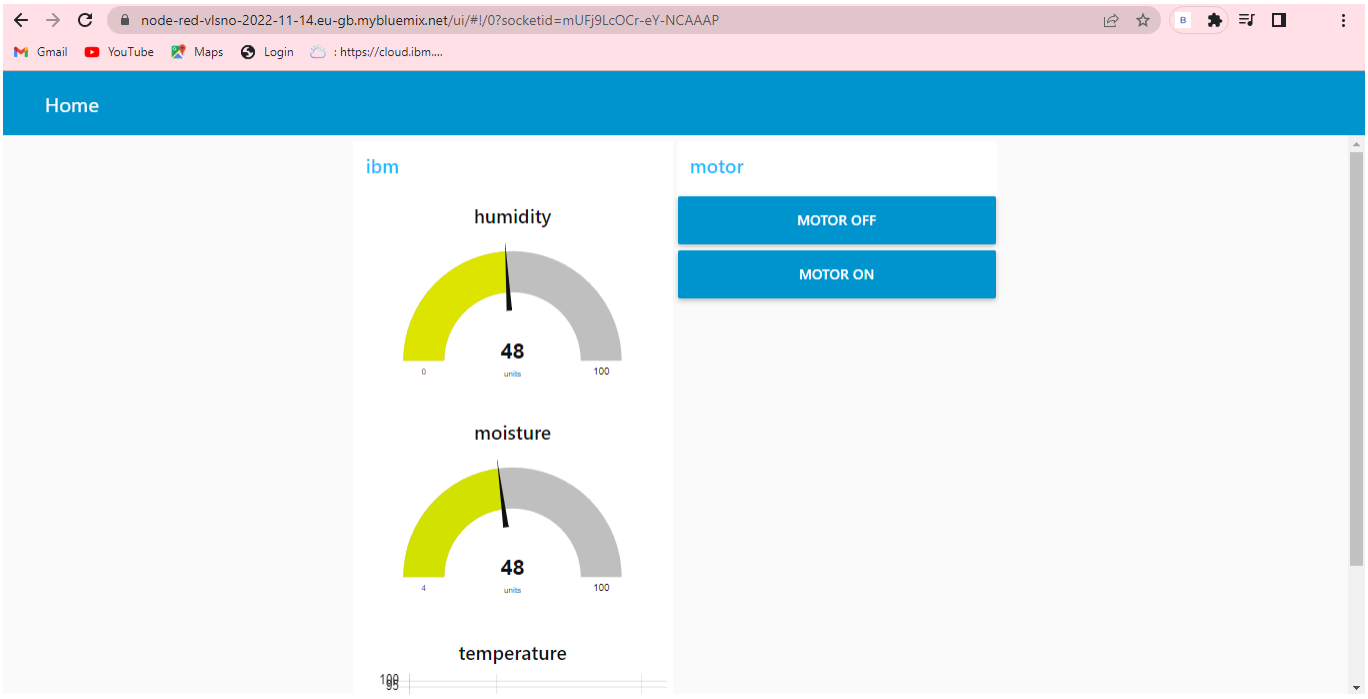
```
Python 3.7.0 (v3.7.0:1bf9cc5093, Jun 27 2018, 04:59:51) [MSC v.1914 64 bit (AMD64)] on win32
Type "copyright", "credits" or "license()" for more information.
>>> import time
    import sys
    import ibmiotf.application
   import ibmiotf.device
    import random
                                                    I
#Provide your IBM Watson Device Credentials
organization = "rr454u"
deviceType = "sensor_1"
deviceId = "sensor"
authMethod = "token"
authToken = "12345678"

# Initialize GPIO
def myCommandCallback (cmd):
   print ("Command received: %s" cmd.data['command'])
   status=cmd.data['command']
   if status=="lighton":
       print ("led is on")
   elif status == "lightoff":
       print ("led is off")
   else :
       print ("please send proper command")
try:
       deviceOptions s = ="org": organization, "type": deviceType, "id": deviceId, "auth-method": authMethod,"auth-token":authToken
       deviceCli = ibmiotf.device.Client (deviceOptions)
except Exception as e:
```

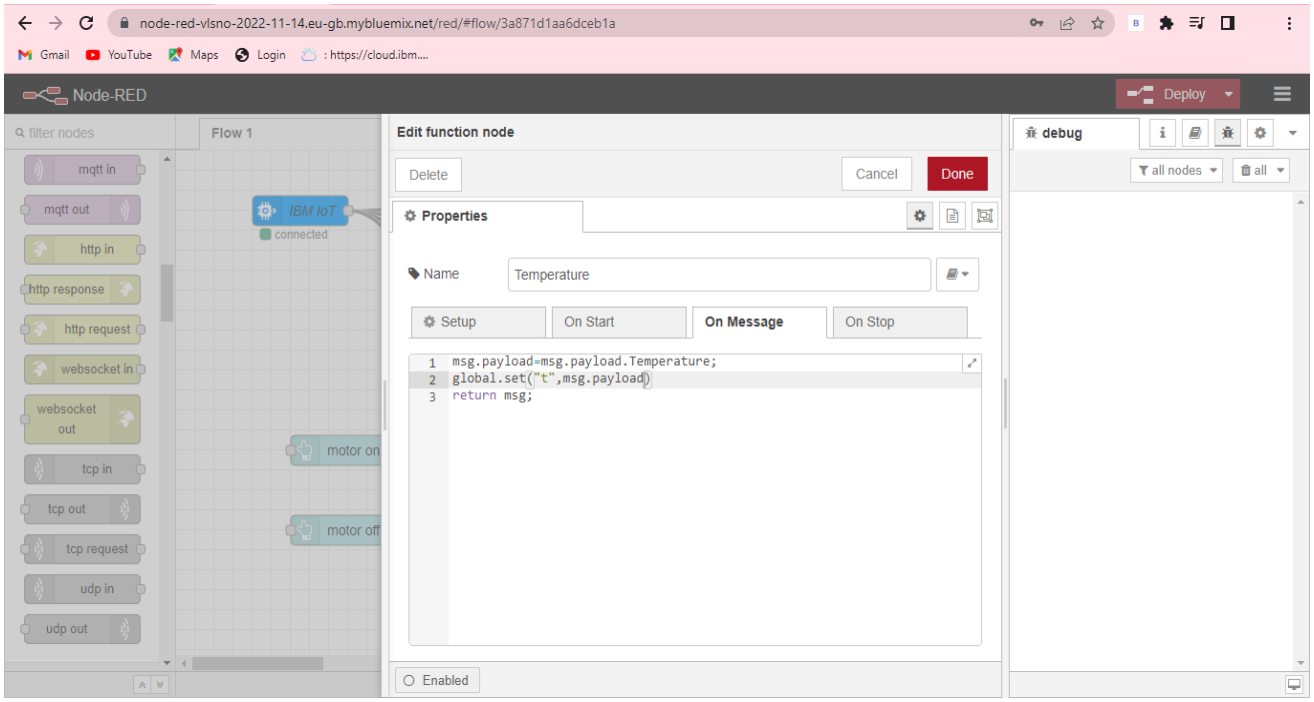


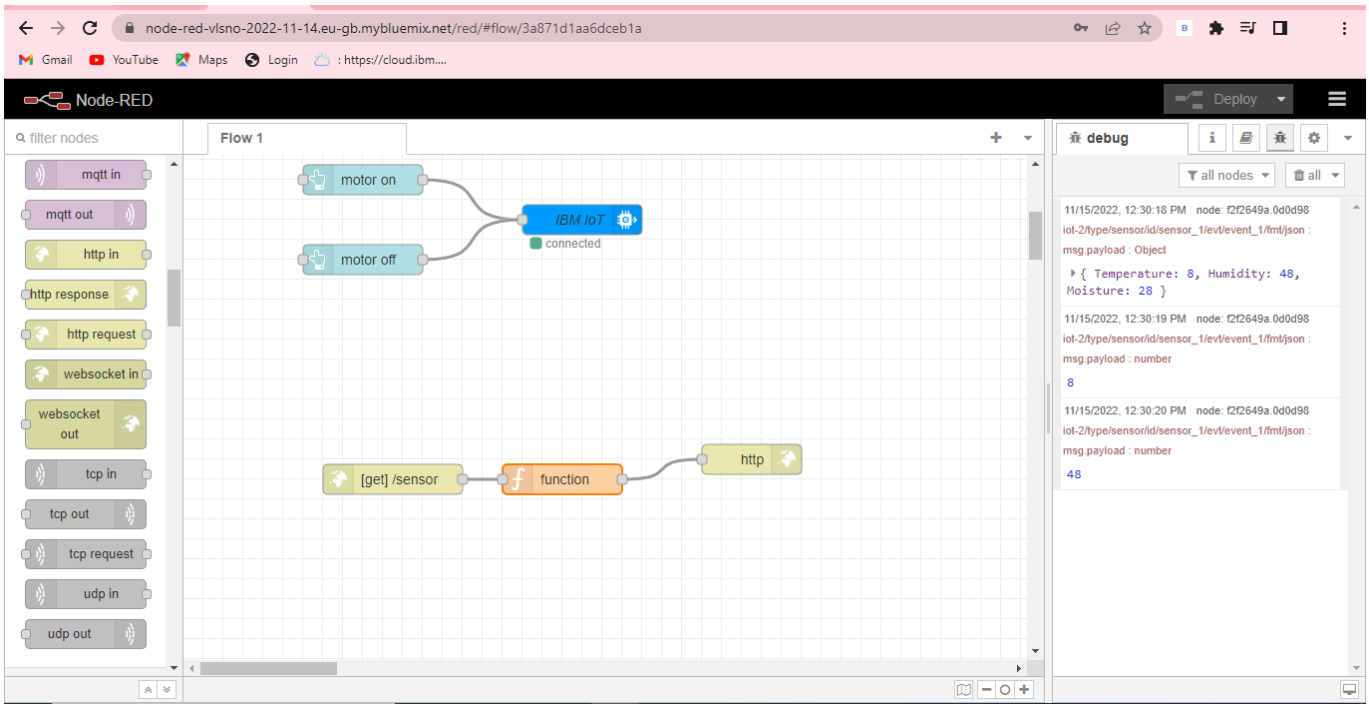

node-red-vlsno-2022-11-14.eu-gb.mybluemix.net/red/#flow/3a871d1aa6dceb1a
Gmail
YouTube
Maps
Login
: https://cloud.ibm....
Node-RED
Deploy
filter nodes
Flow 1
tone analyzer v3
dashboard
button
dropdown
switch
slider
numeric
text input
date picker
colour picker
form
connected
button
button
Edit button node
Delete
Cancel
Done
Properties
Group
Add new dashboard group...
Size
auto
Icon
optional icon
Label
motor of
Tooltip
optional tooltip
Color
optional text/icon color
Background
optional background color
When clicked, send:
Payload
{} {"command":"motor off"}
Enabled
dashboard
Layout
Site
Theme
Tabs & Links
Home
ibm
motor


node-red-vlsno-2022-11-14.eu-gb.mybluemix.net/red/#flow/3a871d1aa6dceb1a
Gmail
YouTube
Maps
Login
: https://cloud.ibm....
Node-RED
Deploy
filter nodes
Flow 1
udp out
input
ibmiot in
output
OpenWhisk
ibmiot out
sequence
split
join
sort
batch
IBM IoT
connected
button
motor of
Edit ibmiot out node
Delete
Cancel
Done
Properties
Authentication
API Key
API Key
d4f3697a3bbc7870
Output Type
Device Command
Device Type
sensor_1
Device Id
sensor
Command Type
cmd
Format
json
Data
data
QoS
0
Enabled
dashboard
Layout
Site
Theme
Tabs & Links
Home
ibm
motor

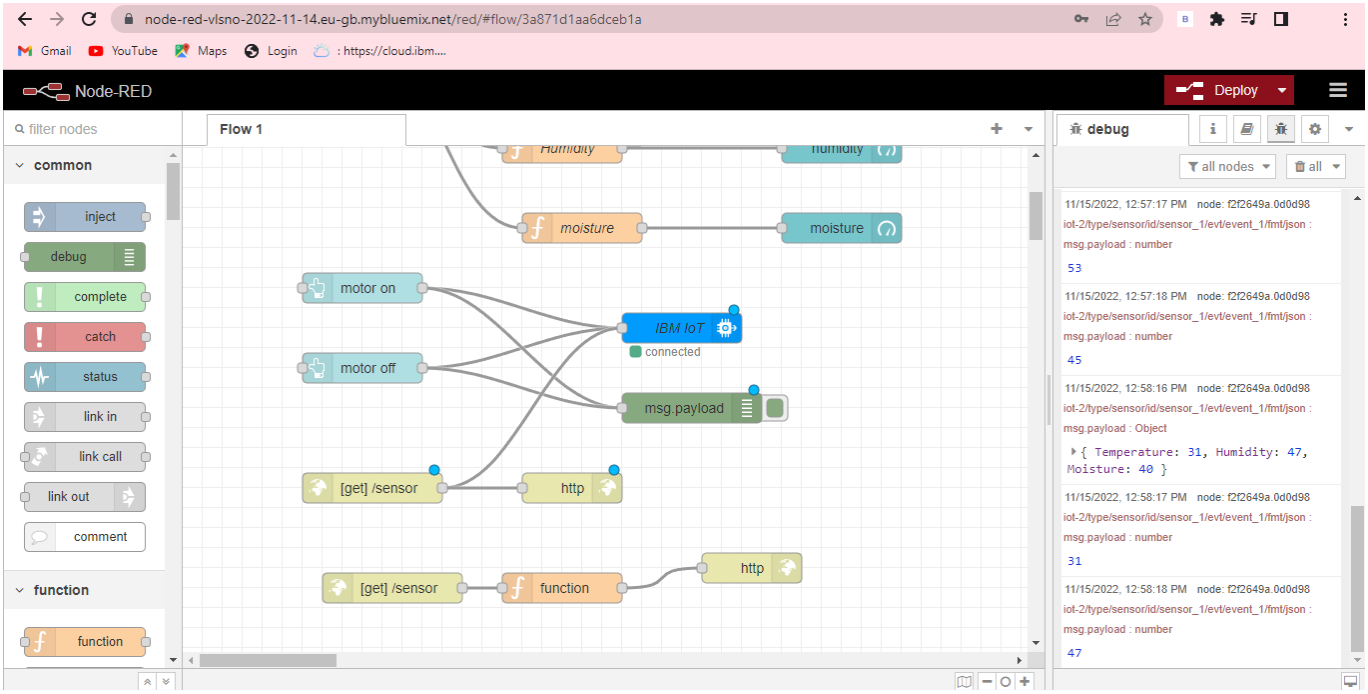

node-red-vlsno-2022-11-14.eu-gb.mybluemix.net/red/#flow/3a871d1aa6dceb1a
Gmail
YouTube
Maps
Login
: https://cloud.ibm....
Node-RED
Deploy
filter nodes
Flow 1
udp out
input
ibmiot in
output
OpenWhisk
ibmiot out
sequence
split
join
sort
batch
IBM IoT
connected
Temperature
Humidity
moisture
msg.payload
temperature
humidity
moisture
motor on
motor off
IBM IoT
connected
debug
all nodes
all
11/15/2022, 10:43:46 AM node: f2f2649a.0d0d98
iot-2/type/sensor/id/sensor_1/evt/event_1/fmt/json : msg.payload : number
11
11/15/2022, 10:43:46 AM node: f2f2649a.0d0d98
iot-2/type/sensor/id/sensor_1/evt/event_1/fmt/json : msg.payload : number
48
11/15/2022, 10:44:51 AM node: f2f2649a.0d0d98
iot-2/type/sensor/id/sensor_1/evt/event_1/fmt/json : msg.payload : Object
{ Temperature: 56, Humidity: 49, Moisture: 39 }
11/15/2022, 10:44:52 AM node: f2f2649a.0d0d98
iot-2/type/sensor/id/sensor_1/evt/event_1/fmt/json : msg.payload : number
56
11/15/2022, 10:44:53 AM node: f2f2649a.0d0d98
iot-2/type/sensor/id/sensor_1/evt/event_1/fmt/json : msg.payload : number
49

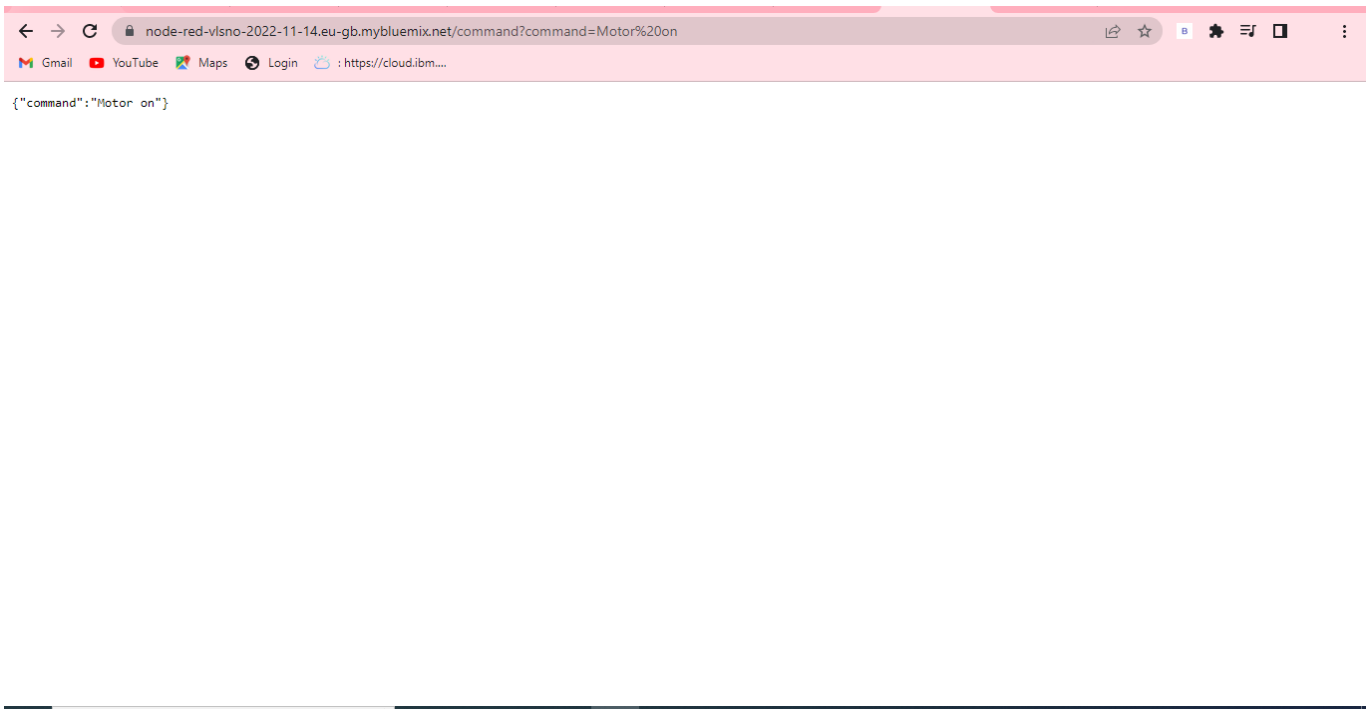

node-red-vlsno-2022-11-14.eu-gb.mybluemix.net/ui/#!/0?socketid=mUFj9LcOCr-eY-NCAAAP
Gmail
YouTube
Maps
Login
: https://cloud.ibm....
Home
ibm
humidity
48
0
units
100
moisture
48
4
units
100
temperature
100
95
motor
MOTOR OFF
MOTOR ON

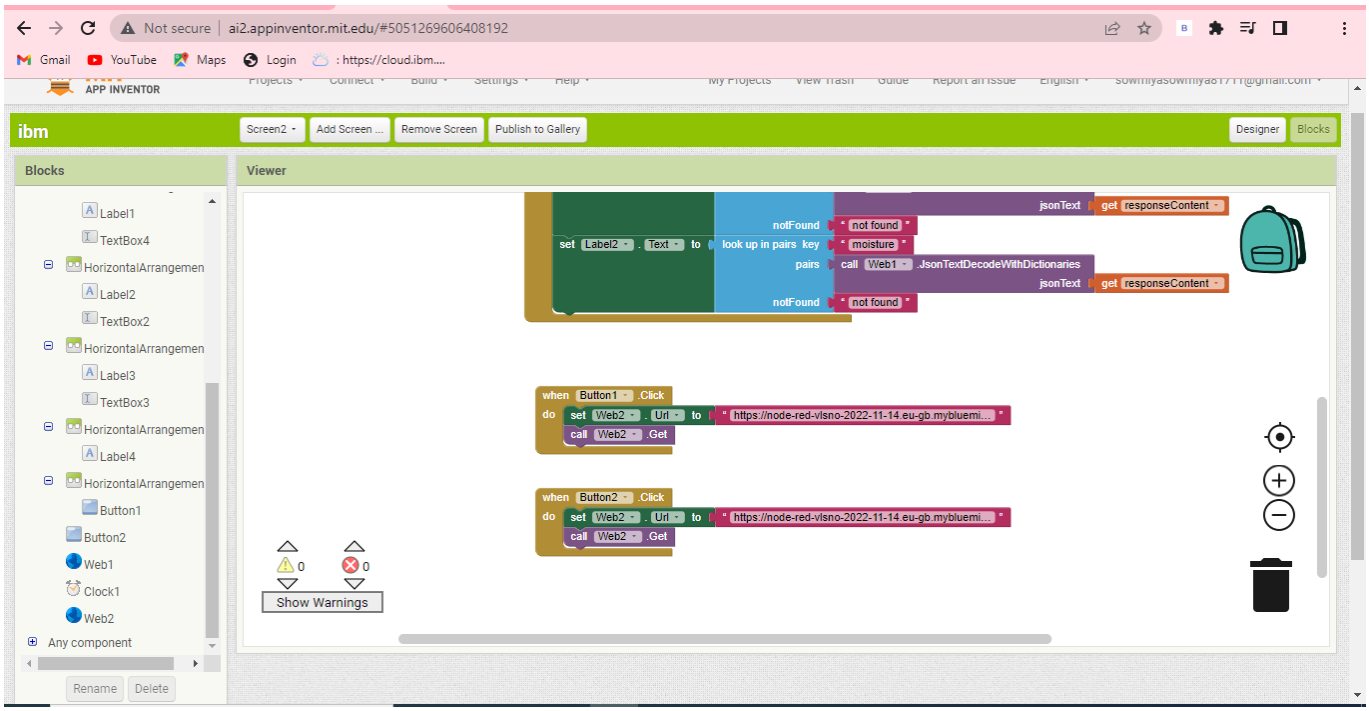

node-red-vlsno-2022-11-14.eu-gb.mybluemix.net/red/#flow/3a871d1aa6dceb1a
Gmail
YouTube
Maps
Login
: https://cloud.ibm....
Node-RED
Deploy
filter nodes
Flow 1
mqtt in
mqtt out
http in
http response
http request
websocket in
websocket out
tcp in
tcp out
tcp request
udp in
udp out
IBM IoT
connected
motor on
motor off
Edit function node
Delete
Cancel
Done
Properties
Name
Temperature
Setup
On Start
On Message
On Stop
1 msg.payload=msg.payload.Temperature;
2 global.set("t",msg.payload)
3 return msg;
Enabled
debug
all nodes
all

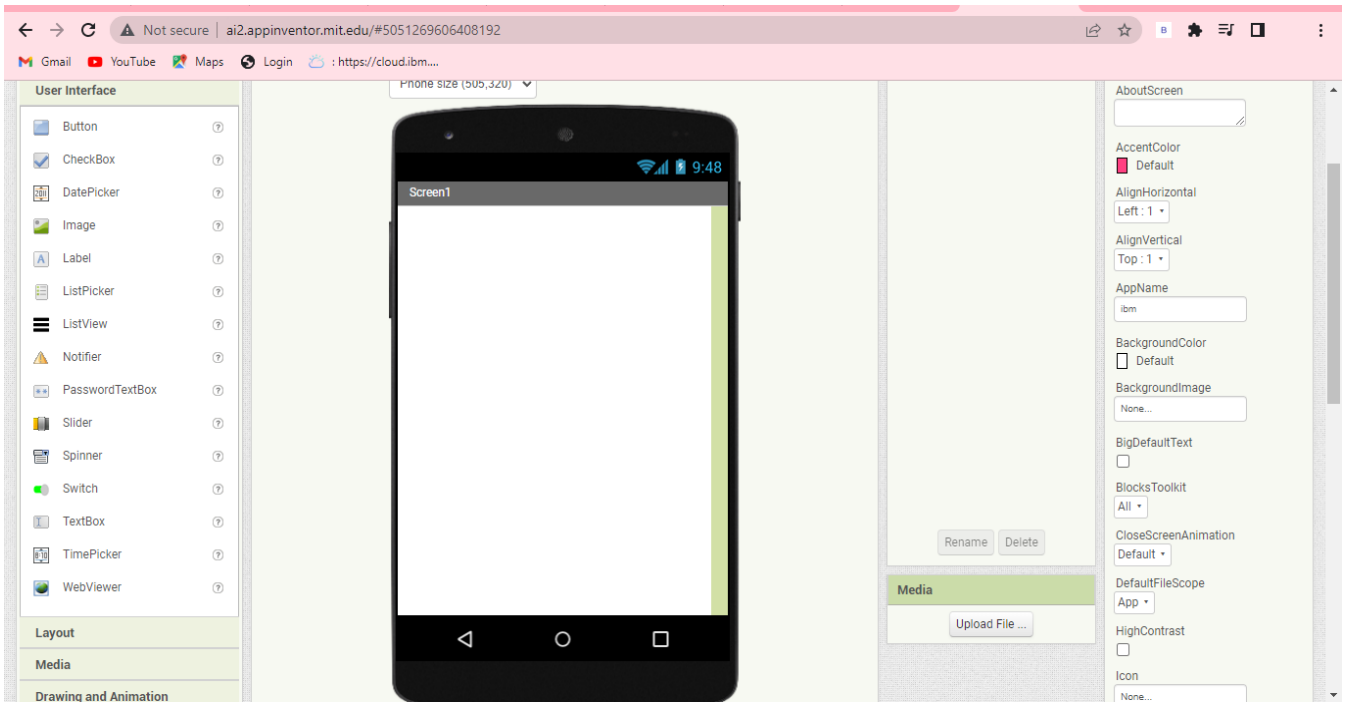

node-red-vlsno-2022-11-14.eu-gb.mybluemix.net/red/#flow/3a871d1aa6dceb1a
Gmail
YouTube
Maps
Login
: https://cloud.ibm....
Node-RED
Deploy
filter nodes
Flow 1
mqtt in
mqtt out
http in
http response
http request
websocket in
websocket out
tcp in
tcp out
tcp request
udp in
udp out
motor on
motor off
IBM IoT
connected
[get] /sensor
function
http
debug
all nodes
all
11/15/2022, 12:30:18 PM node: f2f2649a.0d0d98
iot-2/type/sensor/id/sensor_1/evt/event_1/fmt/json : msg.payload : Object
{ Temperature: 8, Humidity: 48, Moisture: 28 }
11/15/2022, 12:30:19 PM node: f2f2649a.0d0d98
iot-2/type/sensor/id/sensor_1/evt/event_1/fmt/json : msg.payload : number
8
11/15/2022, 12:30:20 PM node: f2f2649a.0d0d98
iot-2/type/sensor/id/sensor_1/evt/event_1/fmt/json : msg.payload : number
48

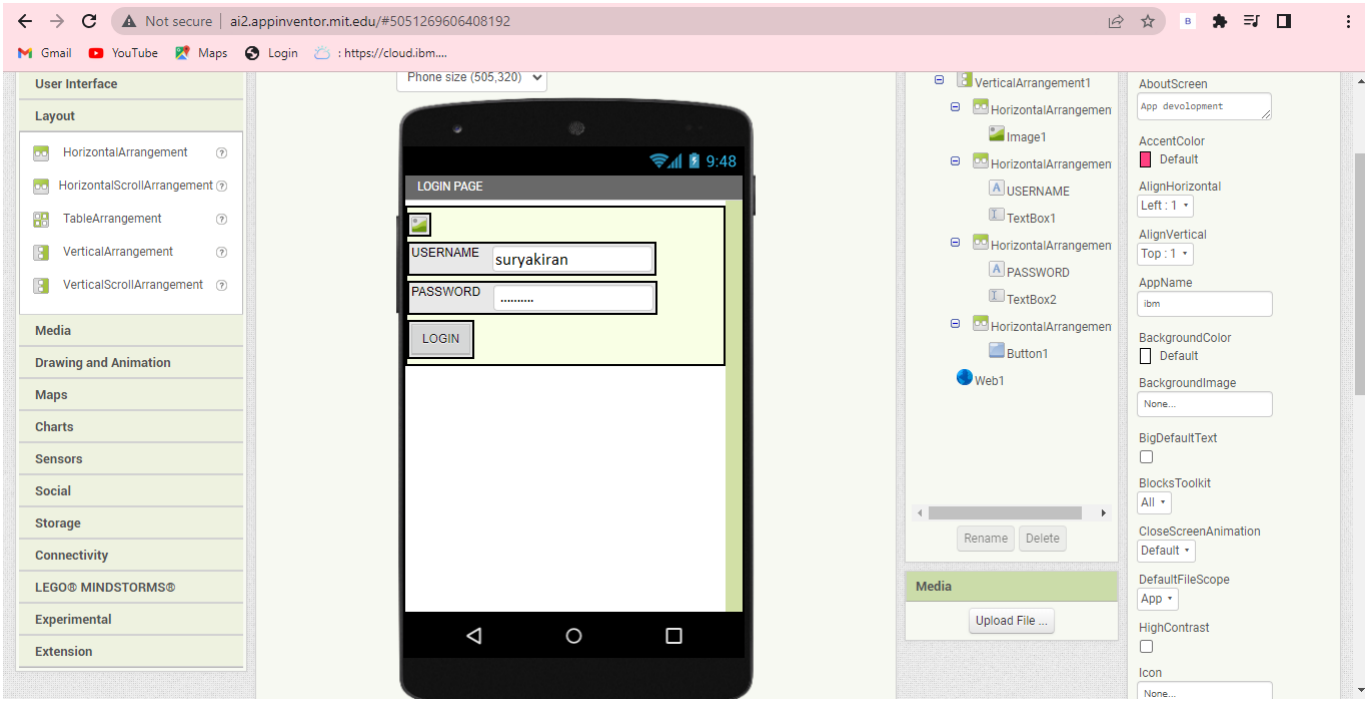
{"Temp":8,"humidity":8}

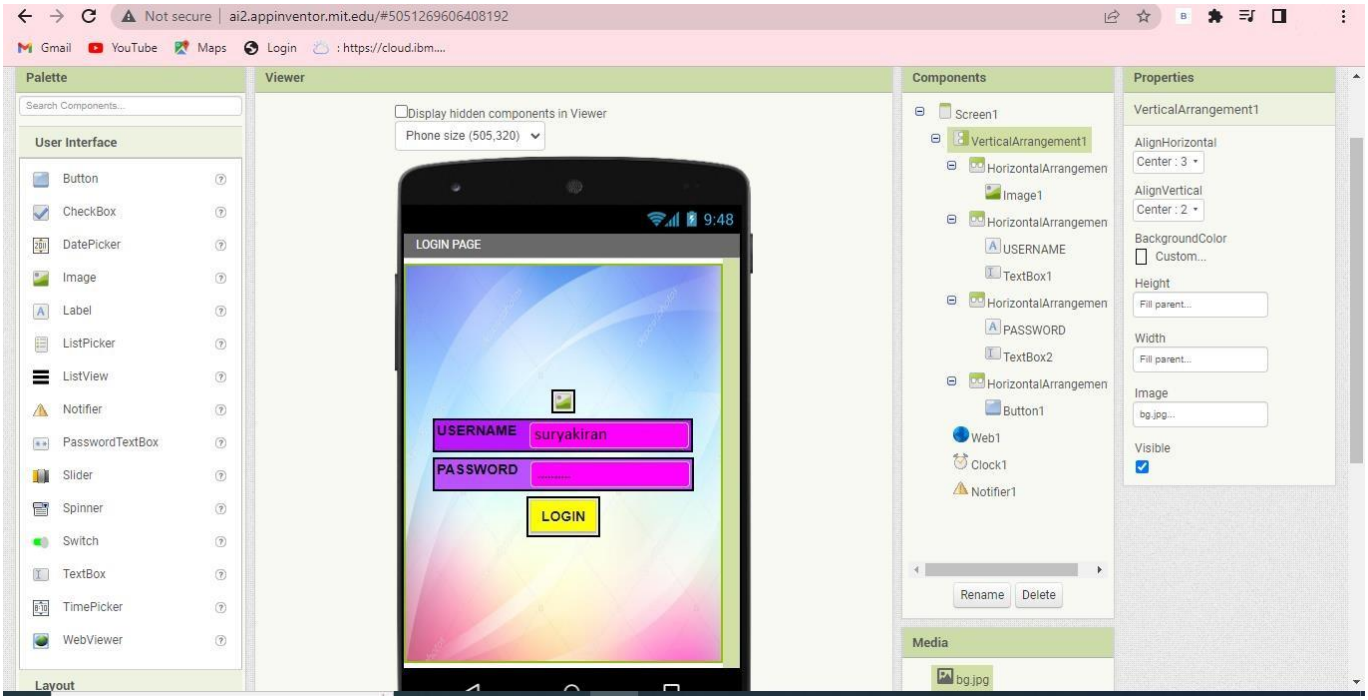


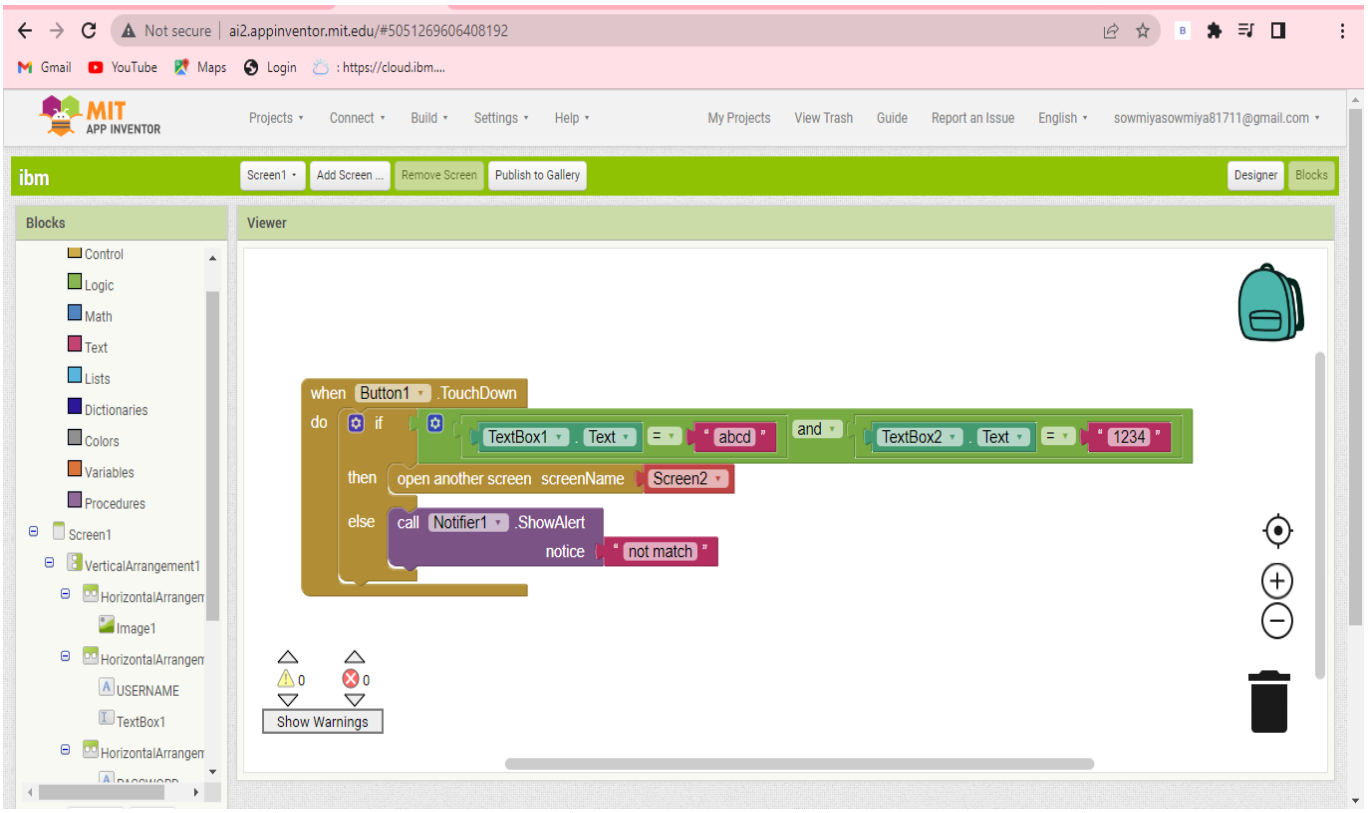

node-red-vlsno-2022-11-14.eu-gb.mybluemix.net/command?command=Motor%20on
Gmail
YouTube
Maps
Login
: https://cloud.ibm....
{"command":"Motor on"}

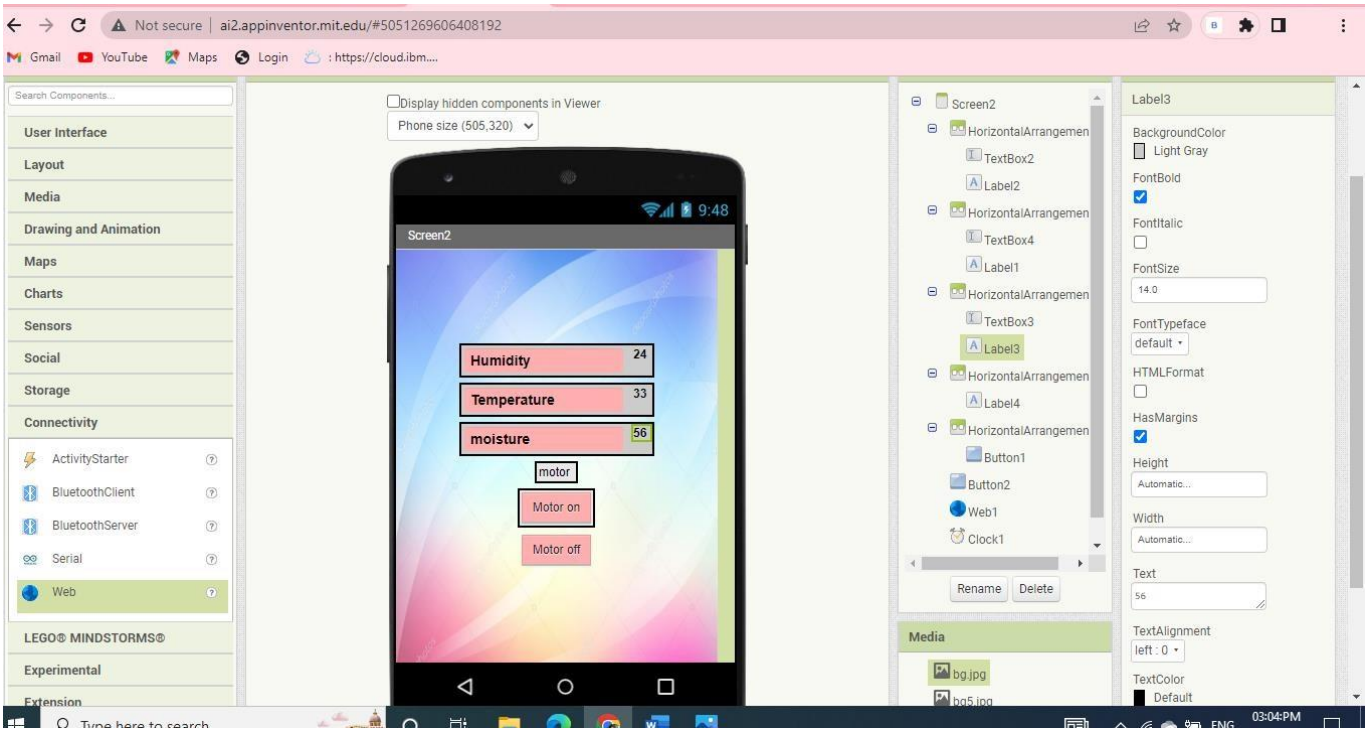

Not secure | ai2.appinventor.mit.edu/#5051269606408192
Gmail
YouTube
Maps
Login
: https://cloud.ibm....
APP INVENTOR
ibm
Screen2
Add Screen ...
Remove Screen
Publish to Gallery
Designer
Blocks
Viewer
Label1
TextBox4
HorizontalArrangemen
Label2
TextBox2
HorizontalArrangemen
Label3
TextBox3
HorizontalArrangemen
Label4
HorizontalArrangemen
Button1
Button2
Web1
Clock1
Web2
Any component
Rename
Delete
jsonText
get responseContent
notFound
not found
set Label2 . Text to
look up in pairs key
moisture
pairs
call Web1 .JsonTextDecodeWithDictionaries
when Button1 .Click
do set Web2 . Url to
https://node-red-vlsno-2022-11-14.eu-gb.mybluemi...
call Web2 .Get
when Button2 .Click
Show Warnings

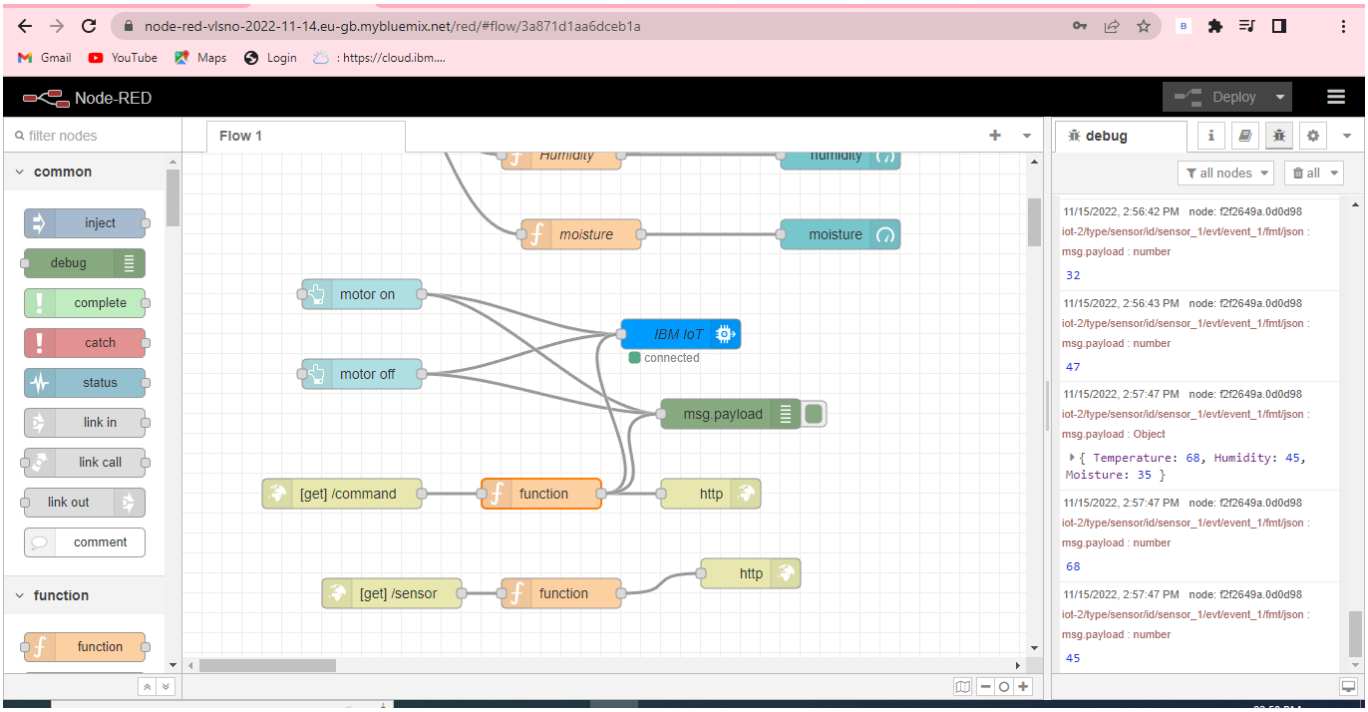

Not secure | ai2.appinventor.mit.edu/#5051269606408192
Gmail
YouTube
Maps
Login
: https://cloud.ibm....
User Interface
Button
CheckBox
DatePicker
Image
Label
ListPicker
ListView
Notifier
PasswordTextBox
Slider
Spinner
Switch
TextBox
TimePicker
WebViewer
Layout
Media
Drawing and Animation
Phone size (505,320)
9:48
Screen1
Rename
Delete
Media
Upload File ...
AboutScreen
AccentColor
Default
AlignHorizontal
Left : 1
AlignVertical
Top : 1
AppName
ibm
BackgroundColor
Default
BackgroundImage
None...
BigDefaultText
BlocksToolkit
All
CloseScreenAnimation
Default
DefaultFileScope
App
HighContrast
Icon
None...

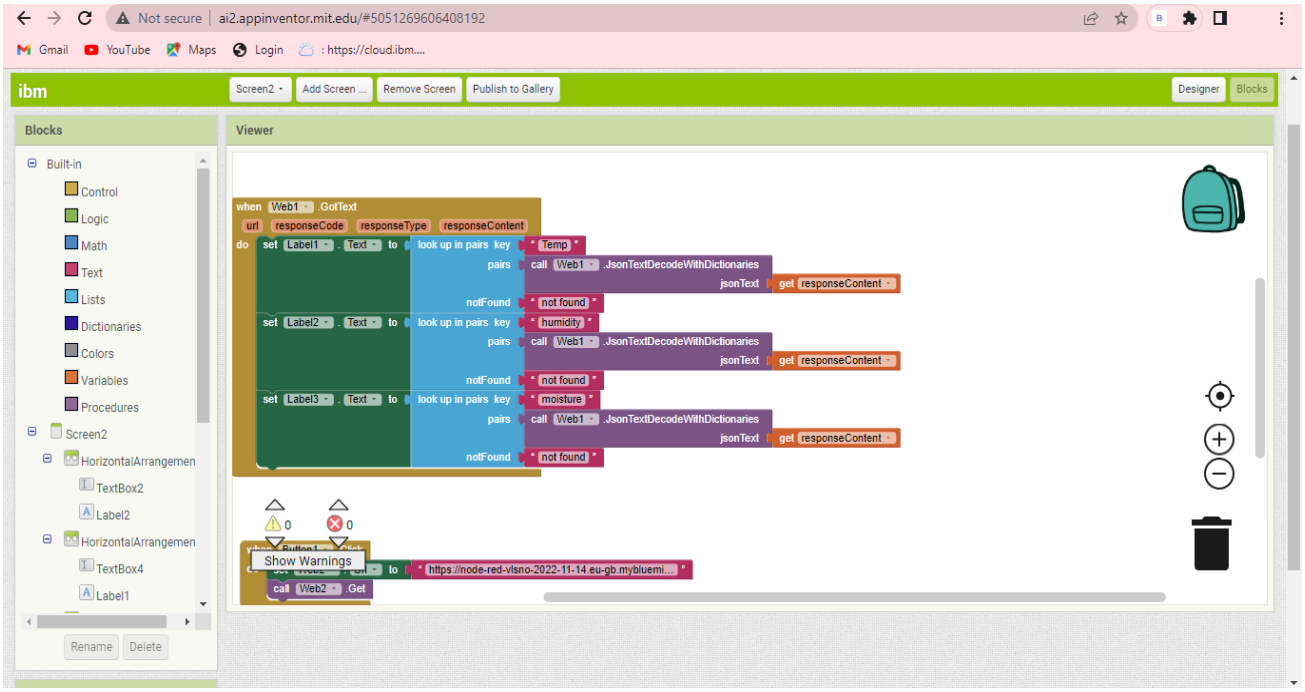

Not secure | ai2.appinventor.mit.edu/#5051269606408192
Gmail
YouTube
Maps
Login
: https://cloud.ibm....
User Interface
Layout
HorizontalArrangement
HorizontalScrollArrangement
TableArrangement
VerticalArrangement
VerticalScrollArrangement
Media
Drawing and Animation
Maps
Charts
Sensors
Social
Storage
Connectivity
LEGO® MINDSTORMS®
Experimental
Extension
Phone size (505,320)
9:48
LOGIN PAGE
USERNAME
suryakiran
PASSWORD
.....
LOGIN
VerticalArrangement1
HorizontalArrangemen
Image1
HorizontalArrangemen
USERNAME
TextBox1
HorizontalArrangemen
PASSWORD
TextBox2
HorizontalArrangemen
Button1
Web1
Rename
Delete
Media
Upload File ...
AboutScreen
App development
AccentColor
Default
AlignHorizontal
Left : 1
AlignVertical
Top : 1
AppName
ibm
BackgroundColor
Default
BackgroundImage
None...
BigDefaultText
BlocksToolkit
All
CloseScreenAnimation
Default
DefaultFileScope
App
HighContrast
Icon
None...

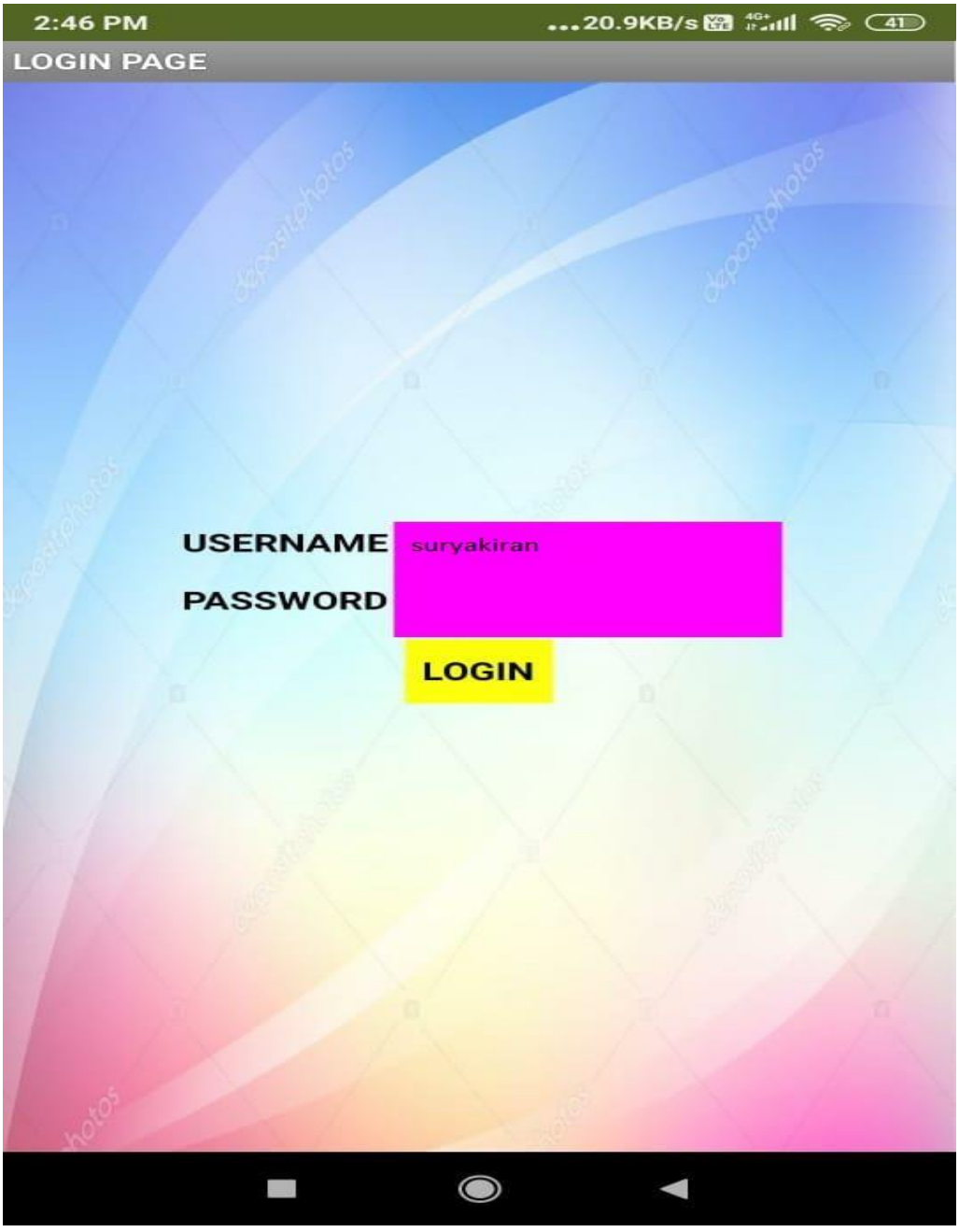

Not secure | ai2.appinventor.mit.edu/#5051269606408192
Gmail
YouTube
Maps
Login
: https://cloud.ibm....
Palette
Search Components...
User Interface
Button
CheckBox
DatePicker
Image
Label
ListPicker
ListView
Notifier
PasswordTextBox
Slider
Spinner
Switch
TextBox
TimePicker
WebViewer
Layout
Viewer
Display hidden components in Viewer
Phone size (505,320)
9:48
LOGIN PAGE
USERNAME
suryakiran
PASSWORD
LOGIN
Components
Screen1
VerticalArrangement1
HorizontalArrangemen
Image1
USERNAME
TextBox1
PASSWORD
TextBox2
Button1
Web1
Clock1
Notifier1
Rename
Delete
Media
bg.jpg
Properties
VerticalArrangement1
AlignHorizontal
Center : 3
AlignVertical
Center : 2
BackgroundColor
Custom...
Height
Fill parent...
Width
Fill parent...
Image
bg.jpg...
Visible

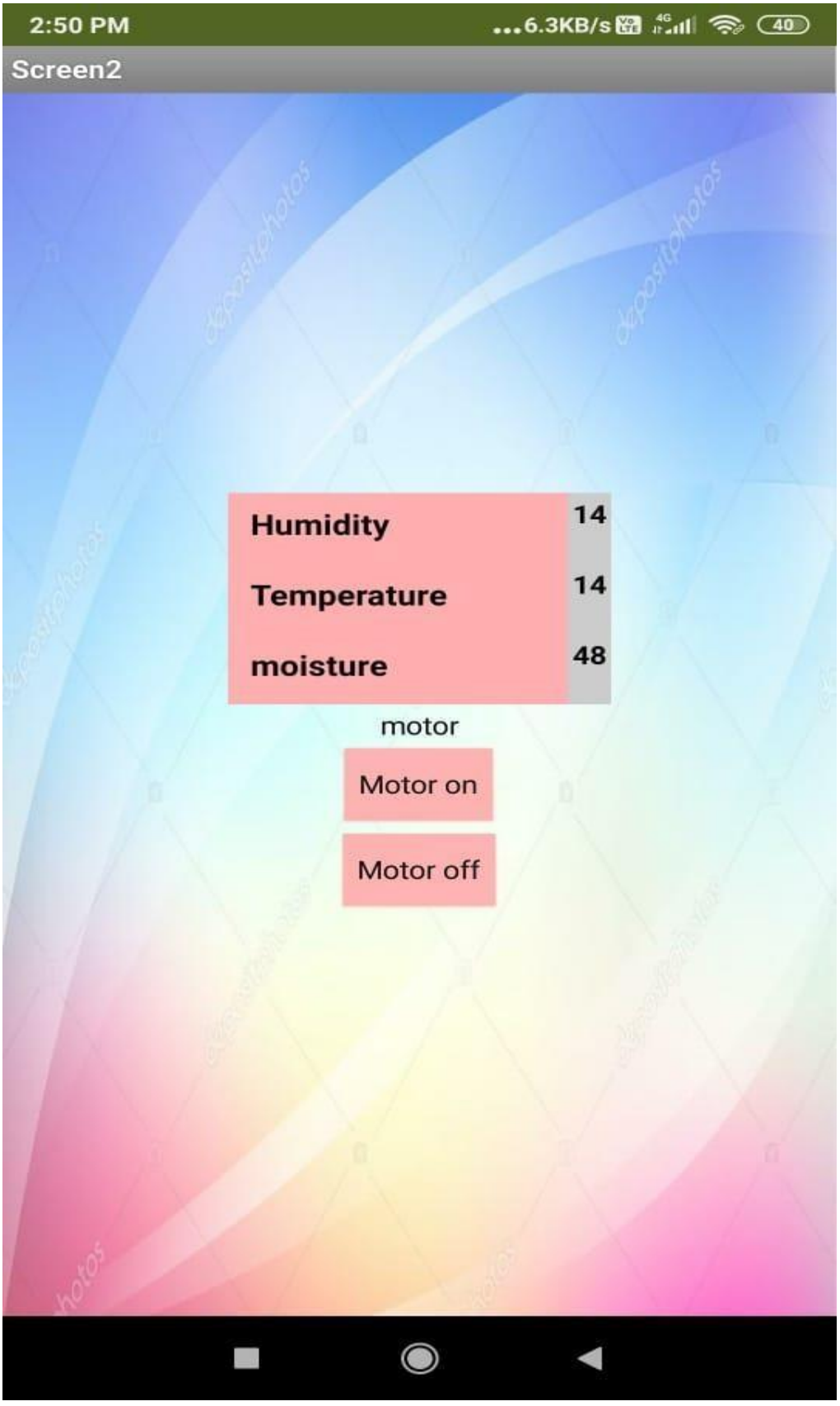

Not secure | ai2.appinventor.mit.edu/#5051269606408192
Gmail
YouTube
Maps
Login
: https://cloud.ibm....
MIT APP INVENTOR
Projects
Connect
Build
Settings
Help
My Projects
View Trash
Guide
Report an Issue
English
sowmiyasowmiya81711@gmail.com
ibm
Screen1
Add Screen ...
Remove Screen
Publish to Gallery
Designer
Blocks
Blocks
Control
Logic
Math
Text
Lists
Dictionaries
Colors
Variables
Procedures
Screen1
VerticalArrangement1
Image1
USERNAME
TextBox1
Viewer
when Button1 .TouchDown
do if
TextBox1 . Text = " abcd " and TextBox2 . Text = " 1234 "
then open another screen screenName Screen2
else call Notifier1 .ShowAlert
notice " not match "
0
0
Show Warnings


Not secure | ai2.appinventor.mit.edu/#5051269606408192
Gmail YouTube Maps Login : https://cloud.ibm....
Search Components...
User Interface
Layout
Media
Drawing and Animation
Maps
Charts
Sensors
Social
Storage
Connectivity
ActivityStarter
BluetoothClient
BluetoothServer
Serial
Web
LEGO® MINDSTORMS®
Experimental
Extension
Display hidden components in Viewer
Phone size (505,320)
9:48
Screen2
Humidity 24
Temperature 33
moisture 56
motor
Motor on
Motor off
Screen2
HorizontalArrangemen
TextBox2
Label2
HorizontalArrangemen
TextBox4
Label1
HorizontalArrangemen
TextBox3
Label3
HorizontalArrangemen
Label4
HorizontalArrangemen
Button1
Button2
Web1
Clock1
Rename
Delete
Media
bg.jpg
bg5.jpg
Label3
BackgroundColor
Light Gray
FontBold
FontItalic
FontSize
14.0
FontTypeface
default
HTMLFormat
HasMargins
Height
Automatic...
Width
Automatic...
Text
56
TextAlignment
left : 0
TextColor
Default
03:04:PM


node-red-vlsno-2022-11-14.eu-gb.mybluemix.net/red/#flow/3a871d1aa6dceb1a
Gmail YouTube Maps Login : https://cloud.ibm....
Node-RED
Deploy
filter nodes
Flow 1
common
inject
debug
complete
catch
status
link in
link call
link out
comment
function
function
moisture
moisture
motor on
motor off
IBM IoT
connected
msg.payload
[get] /command
function
http
[get] /sensor
function
http
debug
all nodes
all
11/15/2022, 2:56:42 PM node: f2f2649a.0d0d98
iot-2/type/sensor/id/sensor_1/evt/event_1/fmt/json : msg.payload : number
32
11/15/2022, 2:56:43 PM node: f2f2649a.0d0d98
iot-2/type/sensor/id/sensor_1/evt/event_1/fmt/json : msg.payload : number
47
11/15/2022, 2:57:47 PM node: f2f2649a.0d0d98
iot-2/type/sensor/id/sensor_1/evt/event_1/fmt/json : msg.payload : Object
{ Temperature: 68, Humidity: 45, Moisture: 35 }
11/15/2022, 2:57:47 PM node: f2f2649a.0d0d98
iot-2/type/sensor/id/sensor_1/evt/event_1/fmt/json : msg.payload : number
68
11/15/2022, 2:57:47 PM node: f2f2649a.0d0d98
iot-2/type/sensor/id/sensor_1/evt/event_1/fmt/json : msg.payload : number
45


Not secure | ai2.appinventor.mit.edu/#5051269606408192
Gmail
YouTube
Maps
Login
: https://cloud.ibm....
ibm
Screen2
Add Screen ...
Remove Screen
Publish to Gallery
Designer
Blocks
Blocks
Built-in
Control
Logic
Math
Text
Lists
Dictionaries
Colors
Variables
Procedures
Screen2
HorizontalArrangemen
TextBox2
Label2
HorizontalArrangemen
TextBox4
Label1
Rename
Delete
Viewer
when Web1 .GotText
url responseCode responseType responseContent
do set Label1 . Text to look up in pairs key " Temp "
pairs call Web1 .JsonTextDecodeWithDictionaries
jsonText get responseContent
notFound " not found "
set Label2 . Text to look up in pairs key " humidity "
pairs call Web1 .JsonTextDecodeWithDictionaries
jsonText get responseContent
notFound " not found "
set Label3 . Text to look up in pairs key " moisture "
pairs call Web1 .JsonTextDecodeWithDictionaries
jsonText get responseContent
notFound " not found "
0
0
Show Warnings
to " https://node-red-vlsno-2022-11-14.eu-gb.mybluemi... "
call Web2 .Get


2:46 PM
...20.9KB/s
41
LOGIN PAGE
USERNAME
suryakiran
PASSWORD
LOGIN


2:50 PM
...6.3KB/s
Screen2
Humidity
14
Temperature
14
moisture
48
motor
Motor on
Motor off