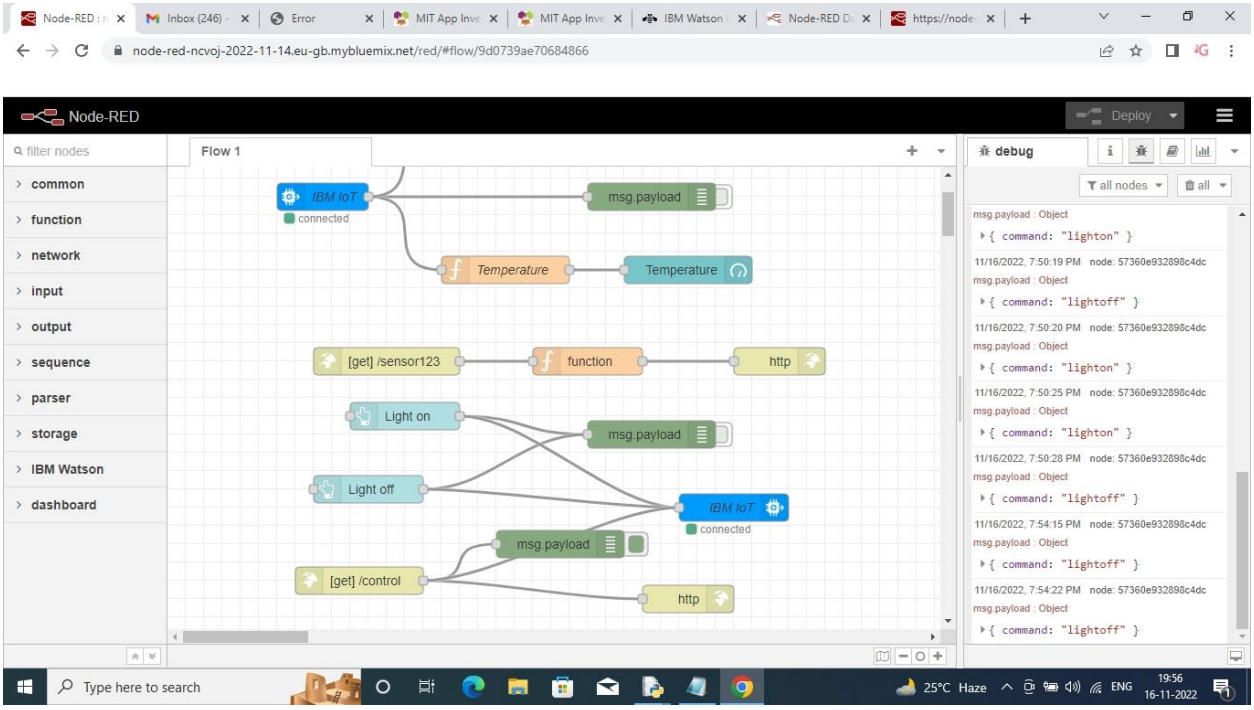
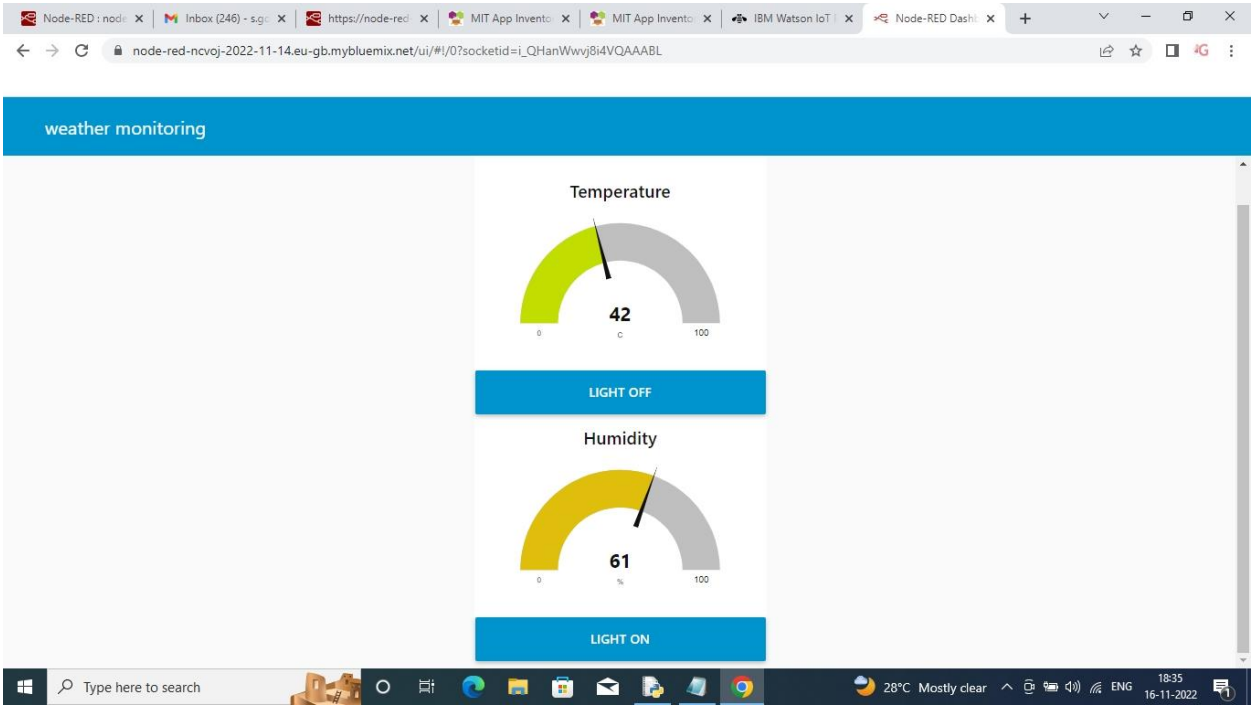
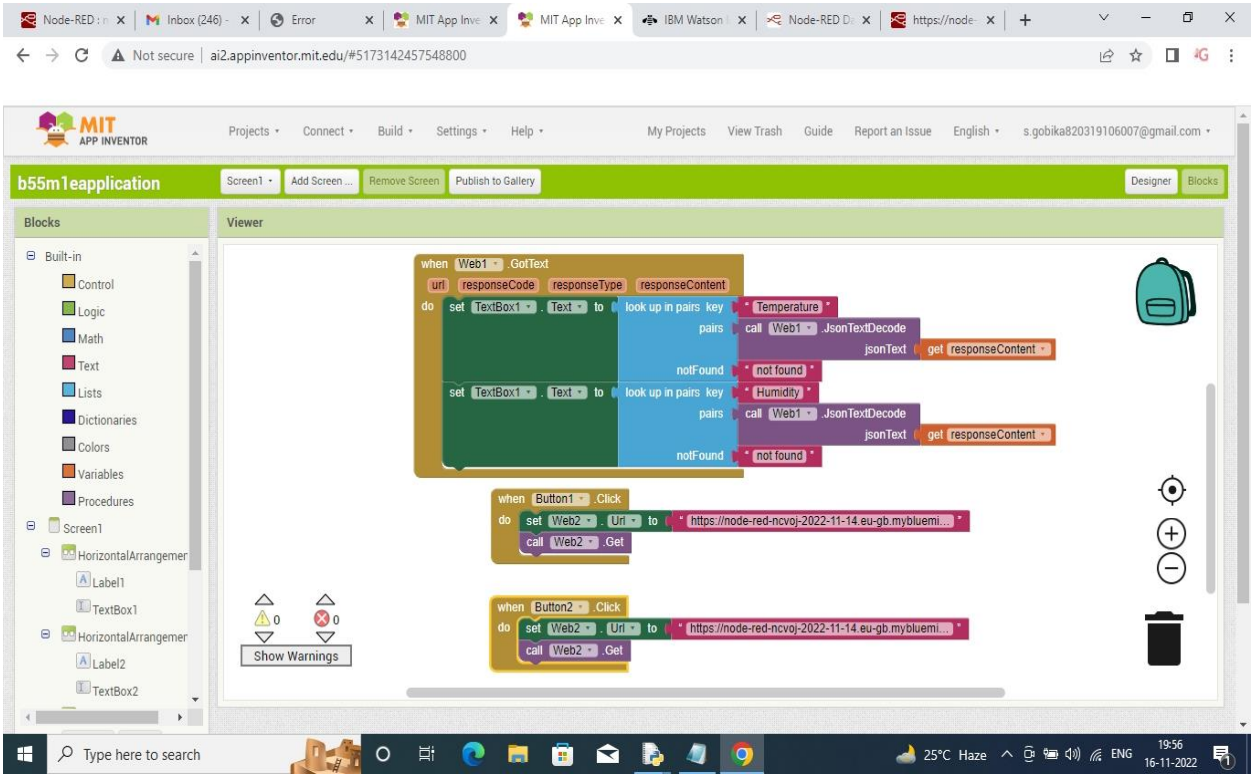
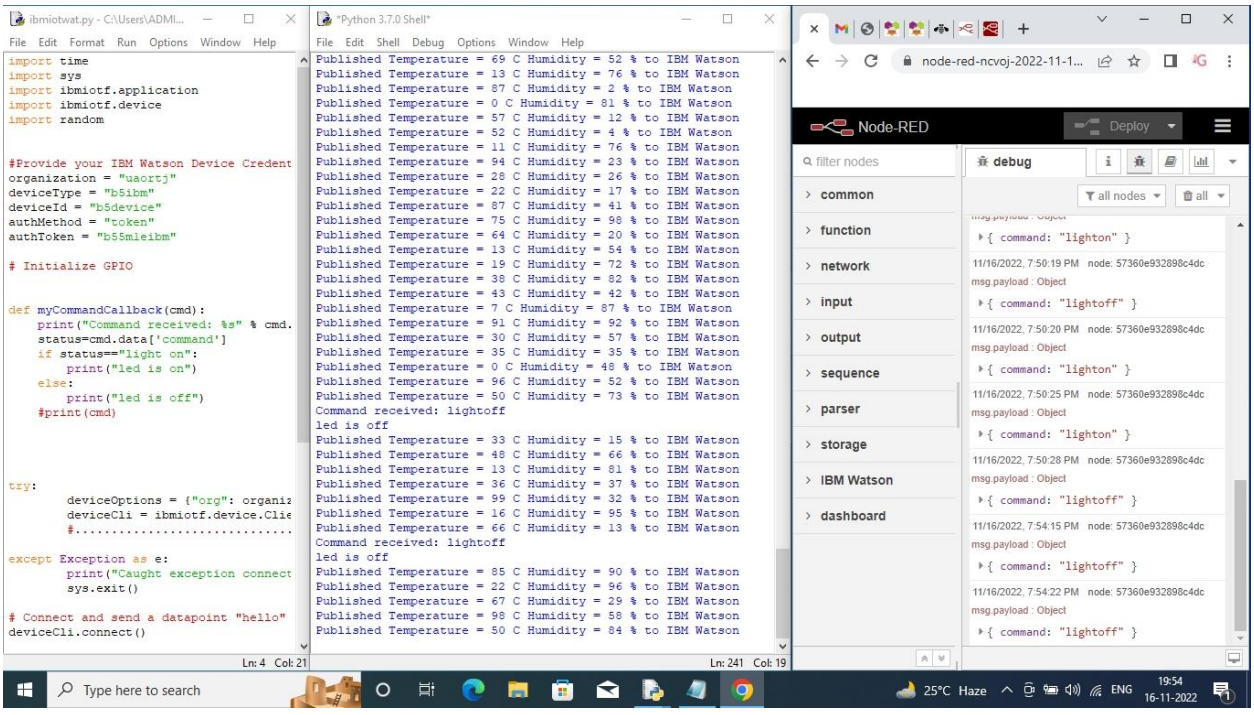
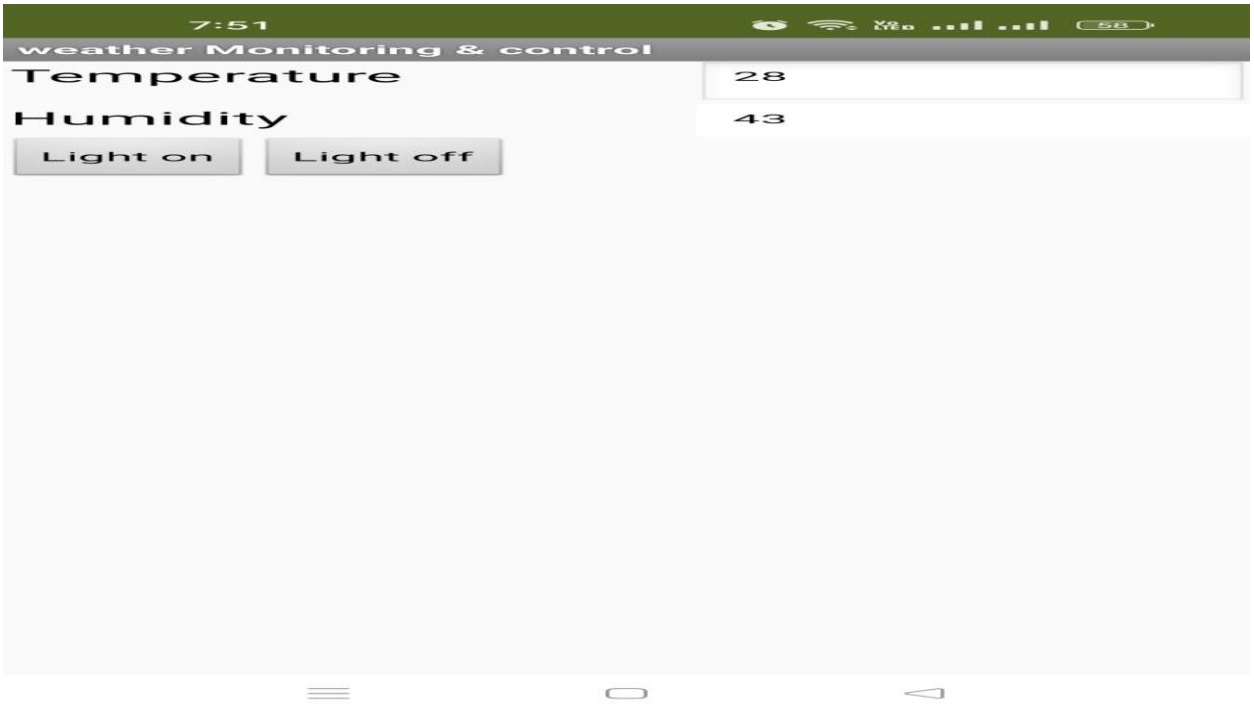
DEVELOP THE WEB APPLICATION USING NODE-RED






Node-RED
Inbox (246)
Error
MIT App Inve
IBM Watson
Not secure
ai2.appinventor.mit.edu/#5173142457548800
MIT APP INVENTOR
Projects
Connect
Build
Settings
Help
My Projects
View Trash
Guide
Report an Issue
English
s.gobika820319106007@gmail.com
b55m1eapplication
Screen1
Add Screen ...
Remove Screen
Publish to Gallery
Designer
Blocks
Viewer
Built-in
Control
Logic
Math
Text
Lists
Dictionaries
Colors
Variables
Procedures
Screen1
HorizontalArrangemer
Label1
TextBox1
HorizontalArrangemer
Label2
TextBox2
when Web1 .GotText
url responseCode responseType responseContent
do set TextBox1 . Text to look up in pairs key Temperature
pairs call Web1 .JsonTextDecode
jsonText get responseContent
notFound not found
set TextBox1 . Text to look up in pairs key Humidity
pairs call Web1 .JsonTextDecode
jsonText get responseContent
notFound not found
when Button1 .Click
do set Web2 . Url to https://node-red-ncvoj-2022-11-14.eu-gb.mybluemi...
call Web2 .Get
when Button2 .Click
do set Web2 . Url to https://node-red-ncvoj-2022-11-14.eu-gb.mybluemi...
call Web2 .Get
Show Warnings
Type here to search
25°C Haze
ENG
19:56
16-11-2022


ibmiotwat.py - C:\Users\ADMI...
File Edit Format Run Options Window Help
import time
import sys
import ibmiotf.application
import ibmiotf.device
import random
#Provide your IBM Watson Device Credent
organization = "uaortj"
deviceType = "b5ibm"
deviceId = "b5device"
authMethod = "token"
authToken = "b55mleibm"
# Initialize GPIO
def myCommandCallback(cmd):
print("Command received: %s" % cmd.
status=cmd.data['command']
if status=="light on":
print("led is on")
else:
print("led is off")
#print(cmd)
try:
deviceOptions = {"org": organiz
deviceCli = ibmiotf.device.Clie
#.....
except Exception as e:
print("Caught exception connect
sys.exit()
# Connect and send a datapoint "hello"
deviceCli.connect()
Ln: 4 Col: 21
Python 3.7.0 Shell
File Edit Shell Debug Options Window Help
Published Temperature = 69 C Humidity = 52 % to IBM Watson
Published Temperature = 13 C Humidity = 76 % to IBM Watson
Published Temperature = 87 C Humidity = 2 % to IBM Watson
Published Temperature = 0 C Humidity = 81 % to IBM Watson
Published Temperature = 57 C Humidity = 12 % to IBM Watson
Published Temperature = 52 C Humidity = 4 % to IBM Watson
Published Temperature = 11 C Humidity = 76 % to IBM Watson
Published Temperature = 94 C Humidity = 23 % to IBM Watson
Published Temperature = 28 C Humidity = 26 % to IBM Watson
Published Temperature = 22 C Humidity = 17 % to IBM Watson
Published Temperature = 87 C Humidity = 41 % to IBM Watson
Published Temperature = 75 C Humidity = 98 % to IBM Watson
Published Temperature = 64 C Humidity = 20 % to IBM Watson
Published Temperature = 13 C Humidity = 54 % to IBM Watson
Published Temperature = 19 C Humidity = 72 % to IBM Watson
Published Temperature = 38 C Humidity = 82 % to IBM Watson
Published Temperature = 43 C Humidity = 42 % to IBM Watson
Published Temperature = 7 C Humidity = 87 % to IBM Watson
Published Temperature = 91 C Humidity = 92 % to IBM Watson
Published Temperature = 30 C Humidity = 57 % to IBM Watson
Published Temperature = 35 C Humidity = 35 % to IBM Watson
Published Temperature = 0 C Humidity = 48 % to IBM Watson
Published Temperature = 96 C Humidity = 52 % to IBM Watson
Published Temperature = 50 C Humidity = 73 % to IBM Watson
Command received: lightoff
led is off
Published Temperature = 33 C Humidity = 15 % to IBM Watson
Published Temperature = 48 C Humidity = 66 % to IBM Watson
Published Temperature = 13 C Humidity = 81 % to IBM Watson
Published Temperature = 36 C Humidity = 37 % to IBM Watson
Published Temperature = 99 C Humidity = 32 % to IBM Watson
Published Temperature = 16 C Humidity = 95 % to IBM Watson
Published Temperature = 66 C Humidity = 13 % to IBM Watson
Command received: lightoff
led is off
Published Temperature = 85 C Humidity = 90 % to IBM Watson
Published Temperature = 22 C Humidity = 96 % to IBM Watson
Published Temperature = 67 C Humidity = 29 % to IBM Watson
Published Temperature = 98 C Humidity = 58 % to IBM Watson
Published Temperature = 50 C Humidity = 84 % to IBM Watson
Ln: 241 Col: 19
node-red-ncvoj-2022-11-1...
Node-RED
Deploy
filter nodes
debug
all nodes
all
common
function
network
input
output
sequence
parser
storage
IBM Watson
dashboard
{ command: "lighton" }
11/16/2022, 7:50:19 PM node: 57360e932898c4dc
msg.payload : Object
{ command: "lightoff" }
11/16/2022, 7:50:20 PM node: 57360e932898c4dc
msg.payload : Object
{ command: "lighton" }
11/16/2022, 7:50:25 PM node: 57360e932898c4dc
msg.payload : Object
{ command: "lighton" }
11/16/2022, 7:50:28 PM node: 57360e932898c4dc
msg.payload : Object
{ command: "lightoff" }
11/16/2022, 7:54:15 PM node: 57360e932898c4dc
msg.payload : Object
{ command: "lightoff" }
11/16/2022, 7:54:22 PM node: 57360e932898c4dc
msg.payload : Object
{ command: "lightoff" }
Type here to search
25°C Haze
ENG
19:54
16-11-2022


7:51
weather Monitoring & control
Temperature
28
Humidity
43
Light on
Light off