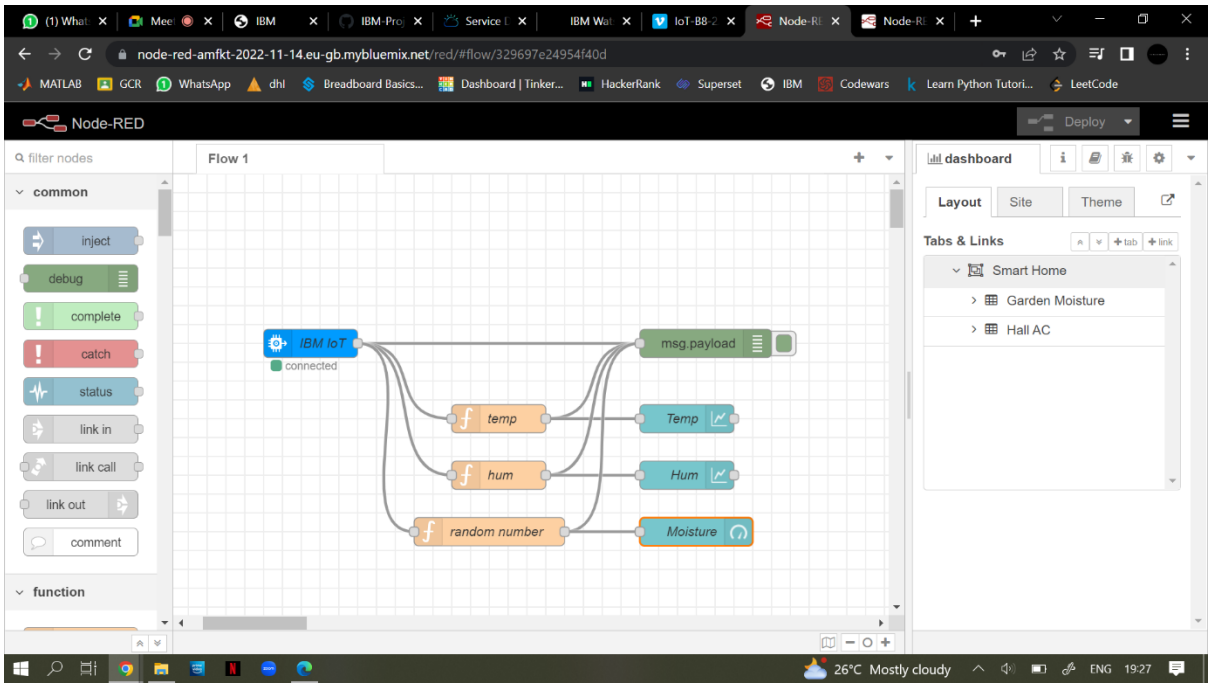
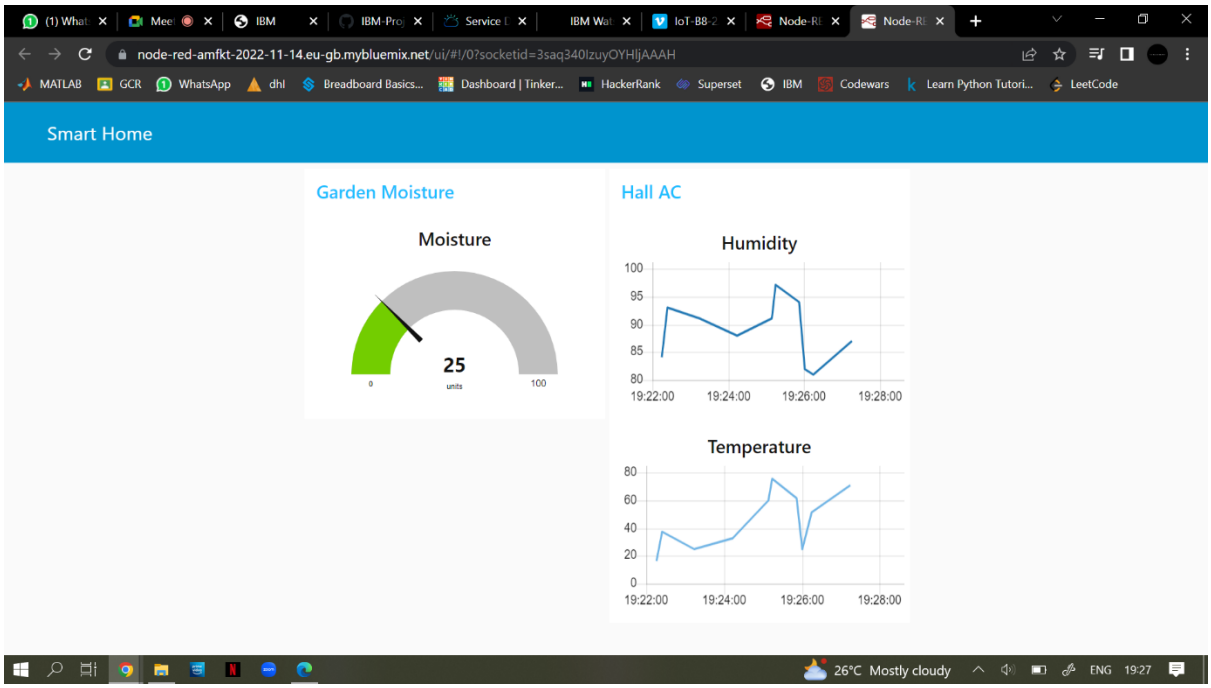
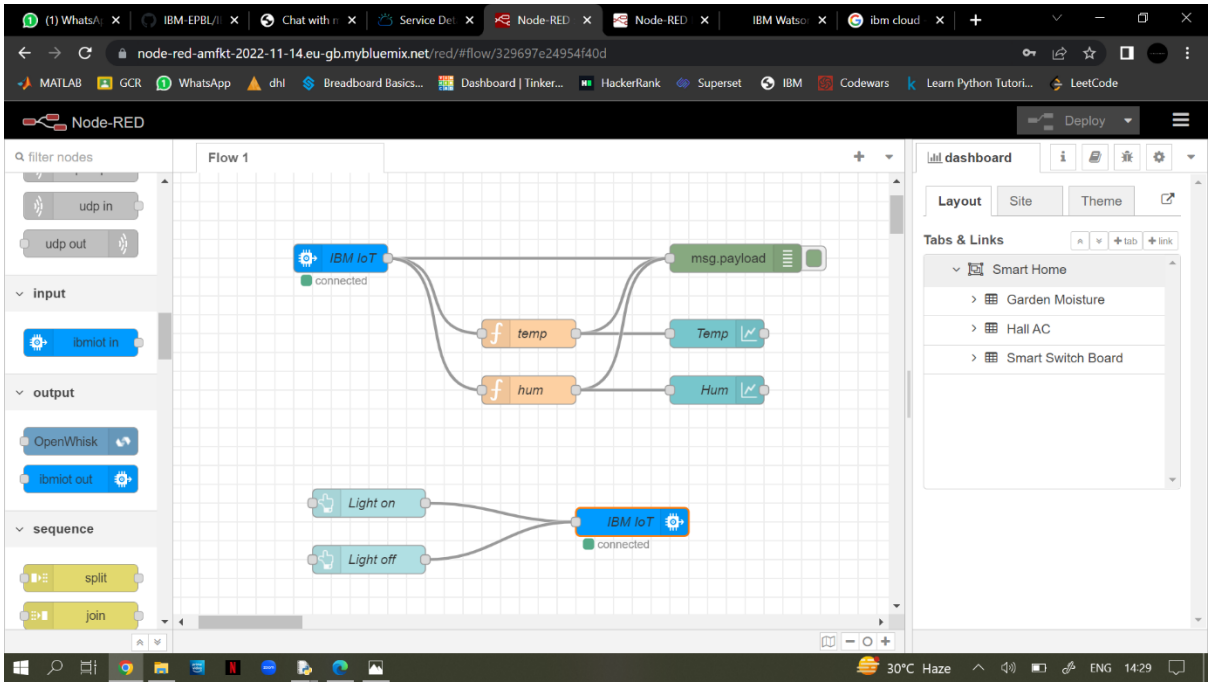
WEB APP USING NODE-RED

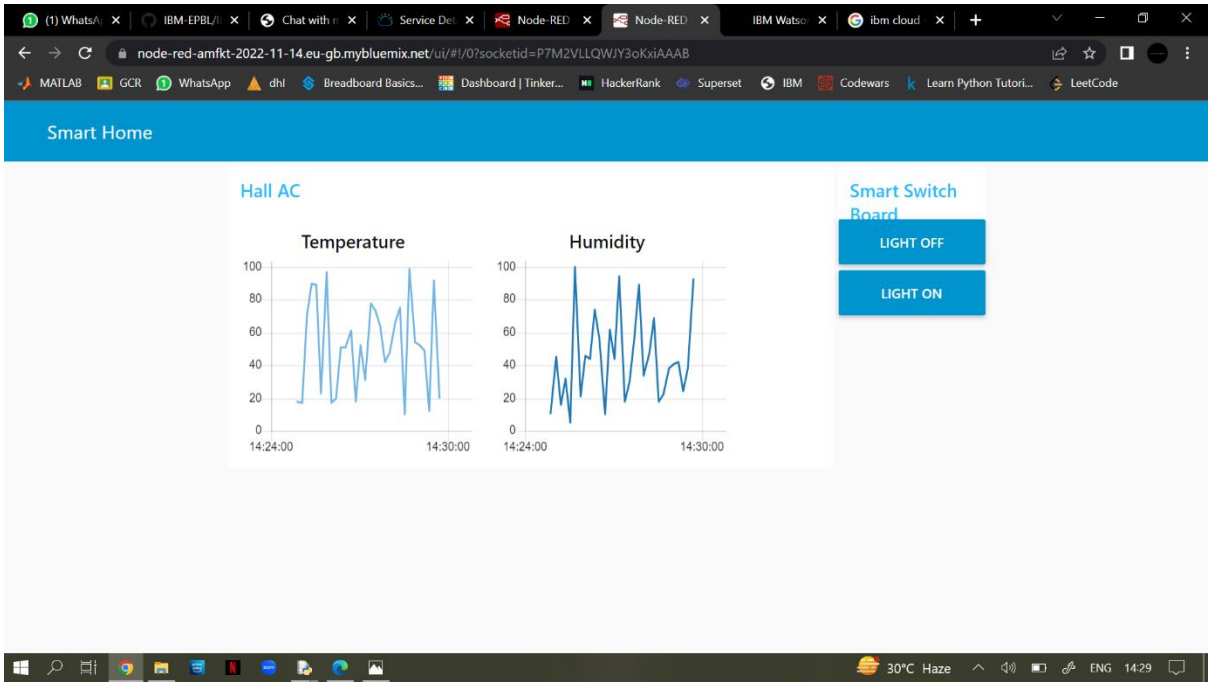
Develop the Web Application using Node-RED

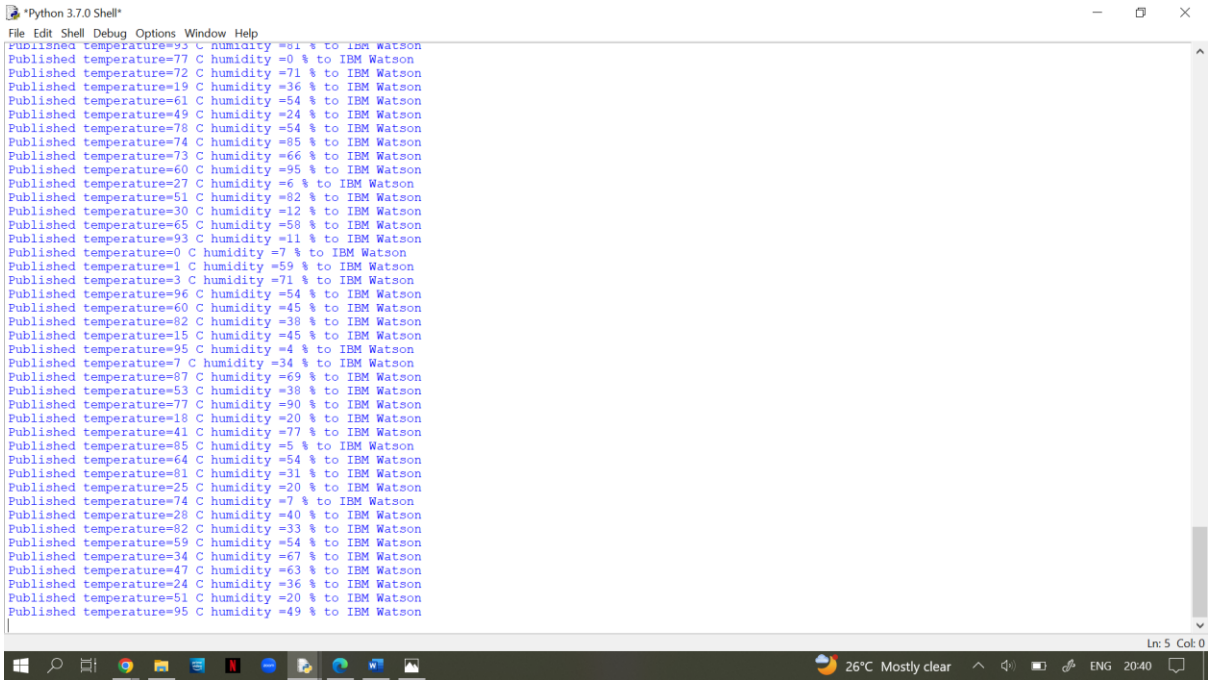
Team ID	PNT2022TMID54322
Project Name	Signs with Smart Connectivity for Better Road Safety

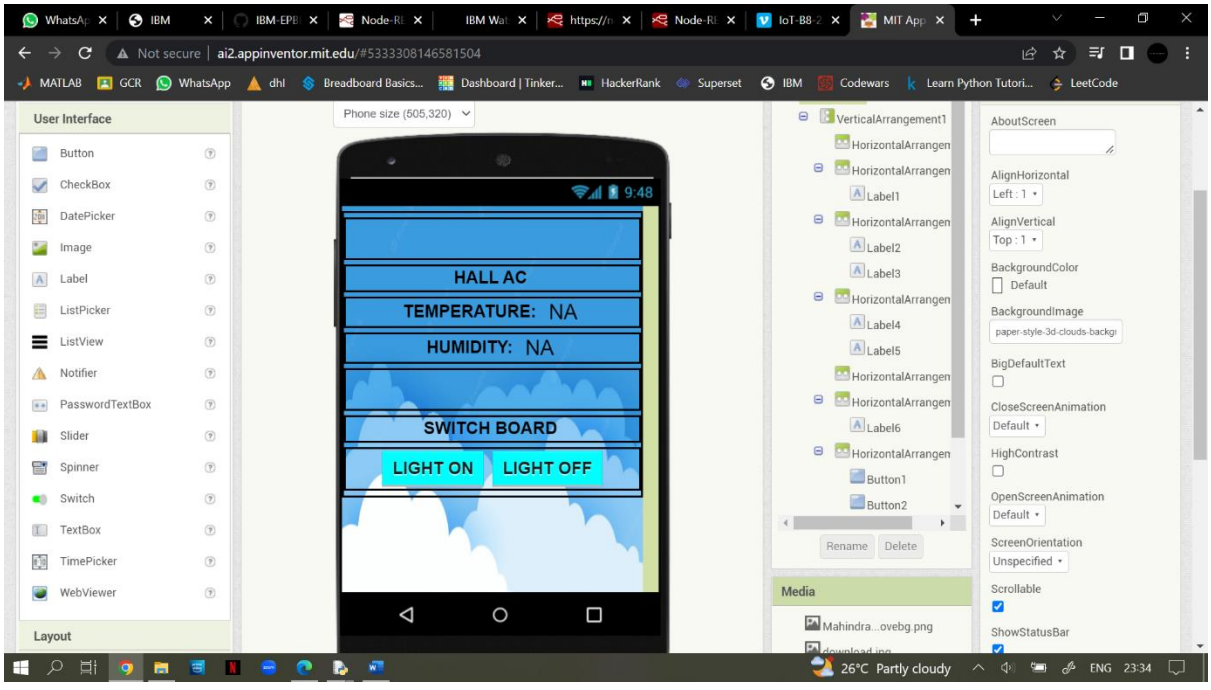


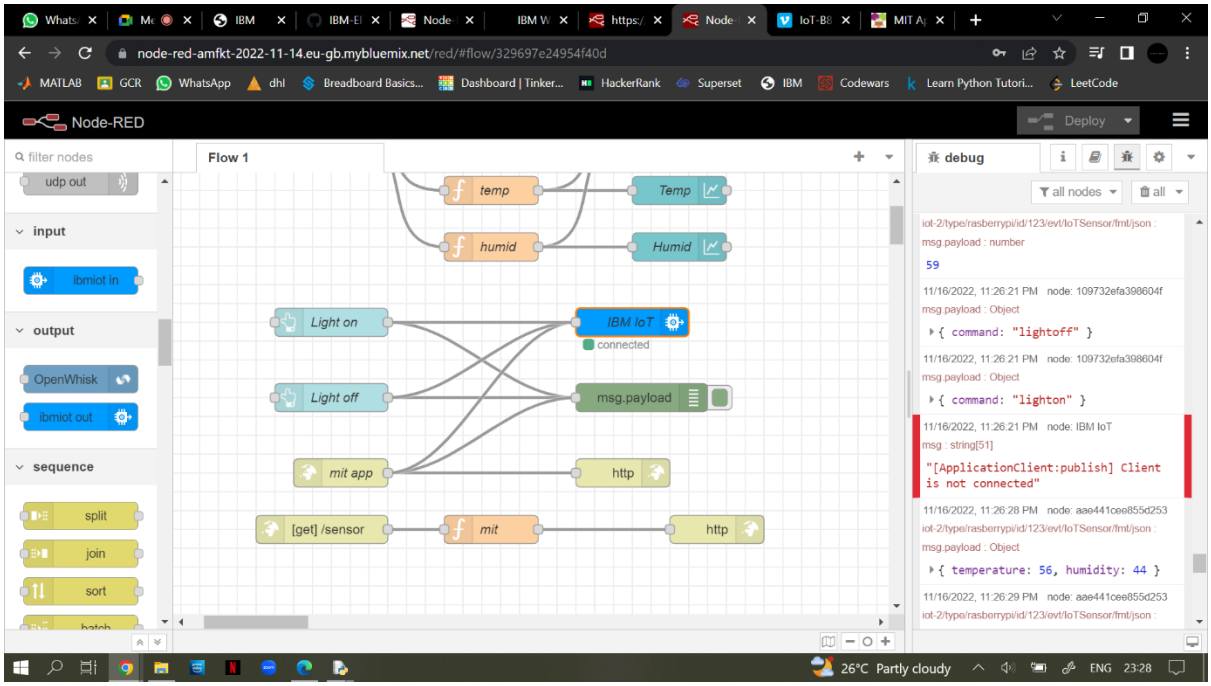


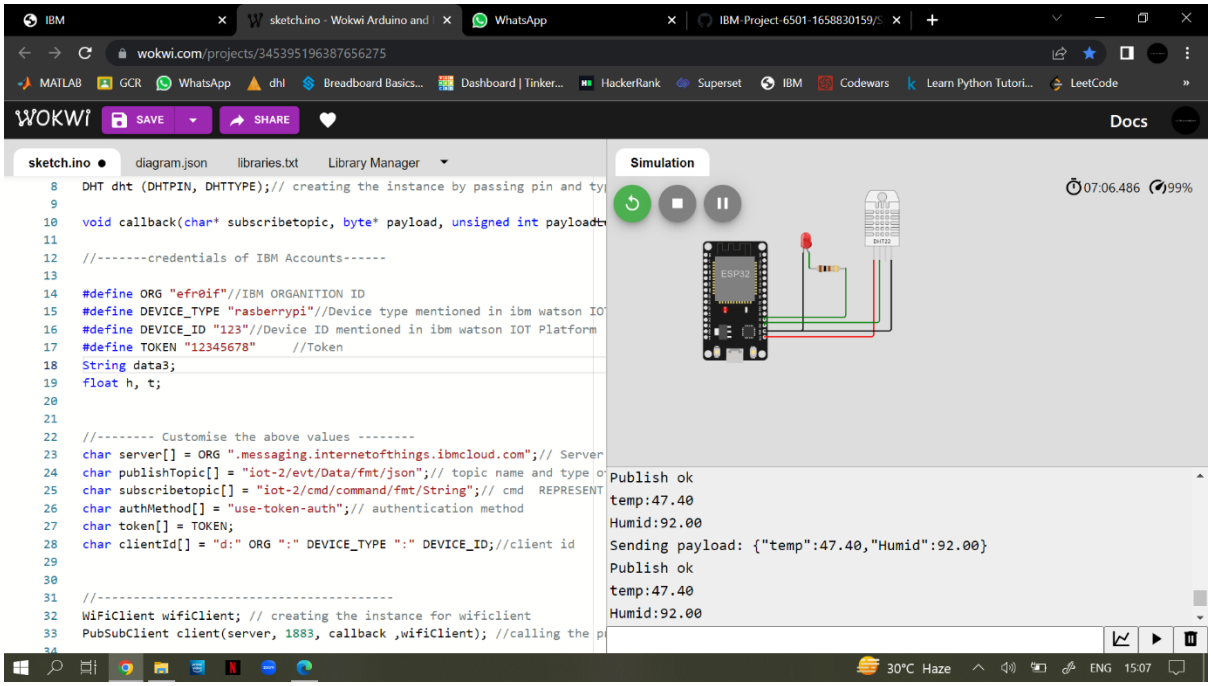

node-red-amfkt-2022-11-14.eu-gb.mybluemix.net/red/#flow/329697e24954f40d
Node-RED
Deploy
Flow 1
filter nodes
udp in
udp out
input
ibmiot in
output
OpenWhisk
ibmiot out
sequence
split
join
IBM IoT
connected
msg.payload
temp
Temp
hum
Hum
Light on
Light off
IBM IoT
connected
dashboard
Layout
Site
Theme
Tabs & Links
Smart Home
Garden Moisture
Hall AC
Smart Switch Board
30°C Haze
ENG
14:29


node-red-amfkt-2022-11-14.eu-gb.mybluemix.net/ui/#!/0?socketid=P7M2VLLQWJY3oKxiAAAB
Smart Home
Hall AC
Temperature
Humidity
100
80
60
40
20
0
14:24:00
14:30:00
Smart Switch Board
LIGHT OFF
LIGHT ON
30°C Haze
ENG
14:29


Python 3.7.0 Shell
File Edit Shell Debug Options Window Help
Published temperature=77 C humidity =0 % to IBM Watson
Published temperature=72 C humidity =71 % to IBM Watson
Published temperature=19 C humidity =36 % to IBM Watson
Published temperature=61 C humidity =54 % to IBM Watson
Published temperature=49 C humidity =24 % to IBM Watson
Published temperature=78 C humidity =54 % to IBM Watson
Published temperature=74 C humidity =85 % to IBM Watson
Published temperature=73 C humidity =66 % to IBM Watson
Published temperature=60 C humidity =95 % to IBM Watson
Published temperature=27 C humidity =6 % to IBM Watson
Published temperature=51 C humidity =82 % to IBM Watson
Published temperature=30 C humidity =12 % to IBM Watson
Published temperature=65 C humidity =58 % to IBM Watson
Published temperature=93 C humidity =11 % to IBM Watson
Published temperature=0 C humidity =7 % to IBM Watson
Published temperature=1 C humidity =59 % to IBM Watson
Published temperature=3 C humidity =71 % to IBM Watson
Published temperature=96 C humidity =54 % to IBM Watson
Published temperature=60 C humidity =45 % to IBM Watson
Published temperature=82 C humidity =38 % to IBM Watson
Published temperature=15 C humidity =45 % to IBM Watson
Published temperature=95 C humidity =4 % to IBM Watson
Published temperature=7 C humidity =34 % to IBM Watson
Published temperature=87 C humidity =69 % to IBM Watson
Published temperature=53 C humidity =38 % to IBM Watson
Published temperature=77 C humidity =90 % to IBM Watson
Published temperature=18 C humidity =20 % to IBM Watson
Published temperature=41 C humidity =77 % to IBM Watson
Published temperature=85 C humidity =5 % to IBM Watson
Published temperature=64 C humidity =54 % to IBM Watson
Published temperature=81 C humidity =31 % to IBM Watson
Published temperature=25 C humidity =20 % to IBM Watson
Published temperature=74 C humidity =7 % to IBM Watson
Published temperature=28 C humidity =40 % to IBM Watson
Published temperature=82 C humidity =33 % to IBM Watson
Published temperature=59 C humidity =54 % to IBM Watson
Published temperature=34 C humidity =67 % to IBM Watson
Published temperature=47 C humidity =63 % to IBM Watson
Published temperature=24 C humidity =36 % to IBM Watson
Published temperature=51 C humidity =20 % to IBM Watson
Published temperature=95 C humidity =49 % to IBM Watson
Ln: 5 Col: 0
26°C Mostly clear
ENG 20:40


ai2.appinventor.mit.edu/#5333308146581504
User Interface
Button
CheckBox
DatePicker
Image
Label
ListPicker
ListView
Notifier
PasswordTextBox
Slider
Spinner
Switch
TextBox
TimePicker
WebViewer
Layout
Phone size (505,320)
9:48
HALL AC
TEMPERATURE: NA
HUMIDITY: NA
SWITCH BOARD
LIGHT ON
LIGHT OFF
VerticalArrangement1
HorizontalArrangen
Label1
Label2
Label3
Label4
Label5
Label6
Button1
Button2
Rename
Delete
Media
Mahindra...ovebg.png
AboutScreen
AlignHorizontal
Left : 1
AlignVertical
Top : 1
BackgroundColor
Default
BackgroundImage
BigDefaultText
CloseScreenAnimation
Default
HighContrast
OpenScreenAnimation
Default
ScreenOrientation
Unspecified
Scrollable
ShowStatusBar
26°C Partly cloudy
ENG 23:34


Node-RED
Flow 1
Deploy
debug
temp
Temp
humid
Humid
Light on
IBM IoT
connected
Light off
msg.payload
mit app
http
[get] /sensor
mit
http
input
ibmiot in
output
OpenWhisk
ibmiot out
sequence
split
join
sort
{ command: "lightoff" }
{ command: "lighton" }
"[ApplicationClient:publish] Client is not connected"
{ temperature: 56, humidity: 44 }


WOKWI
SAVE
SHARE
Docs
sketch.ino
diagram.json
libraries.txt
Library Manager
Simulation
07:06.486
99%
Publish ok
temp:47.40
Humid:92.00
Sending payload: {"temp":47.40,"Humid":92.00}
Publish ok
temp:47.40
Humid:92.00