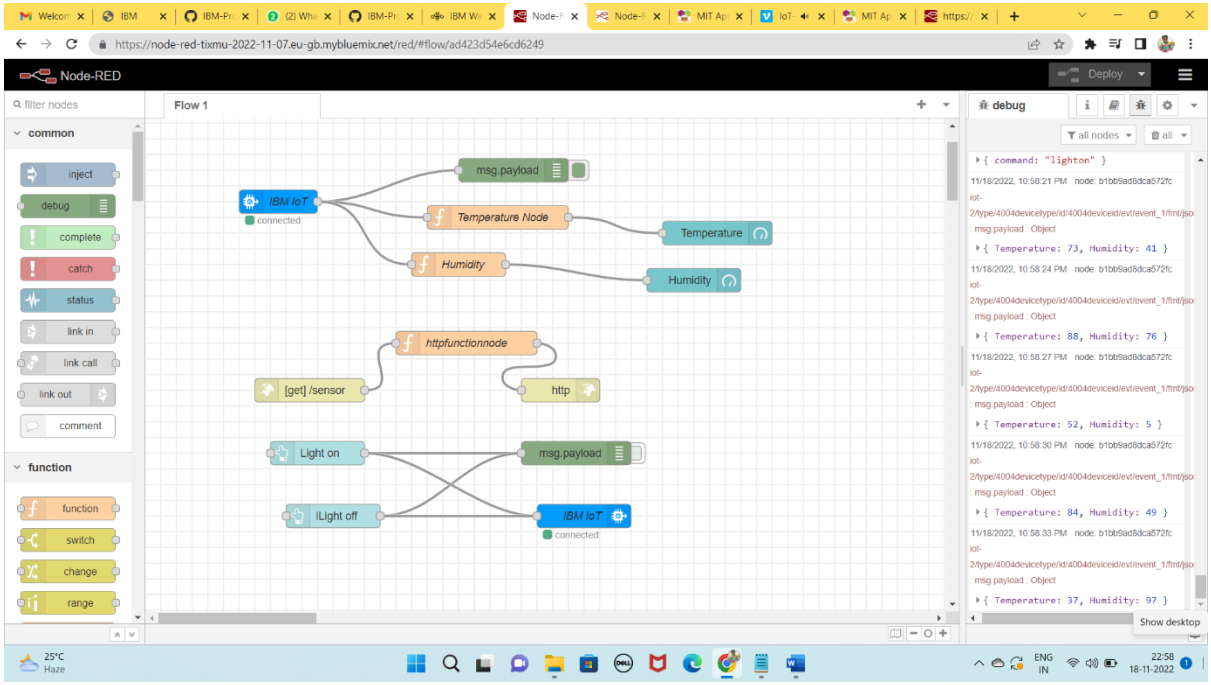
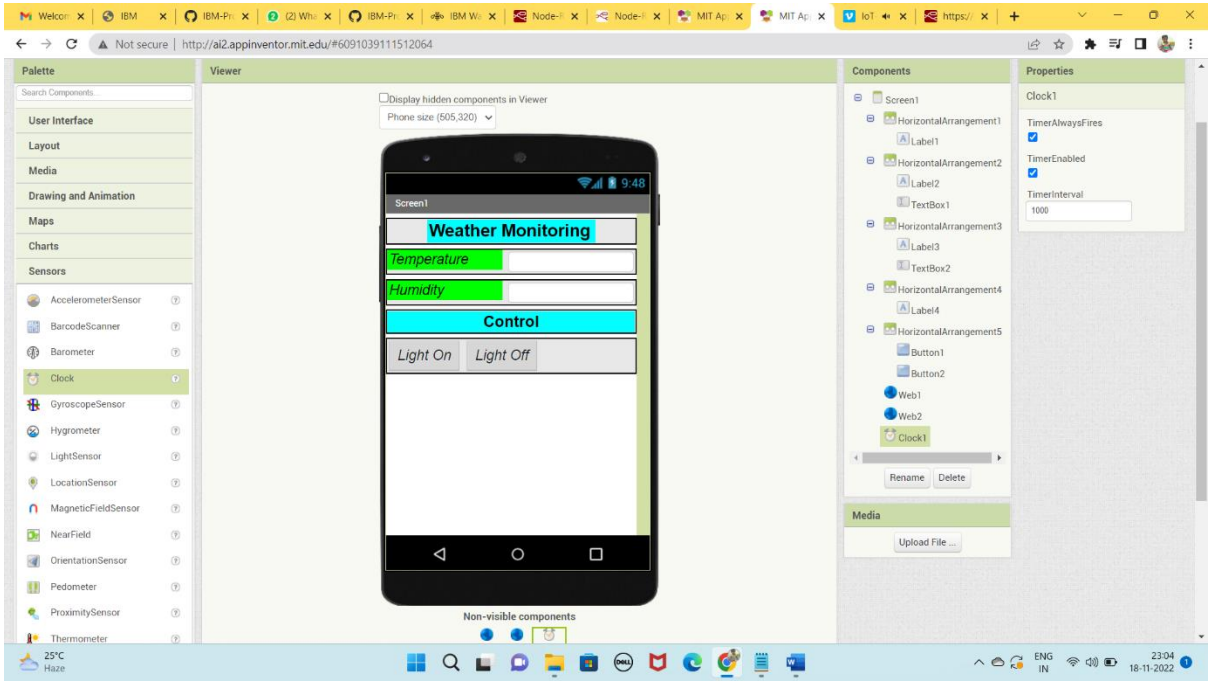
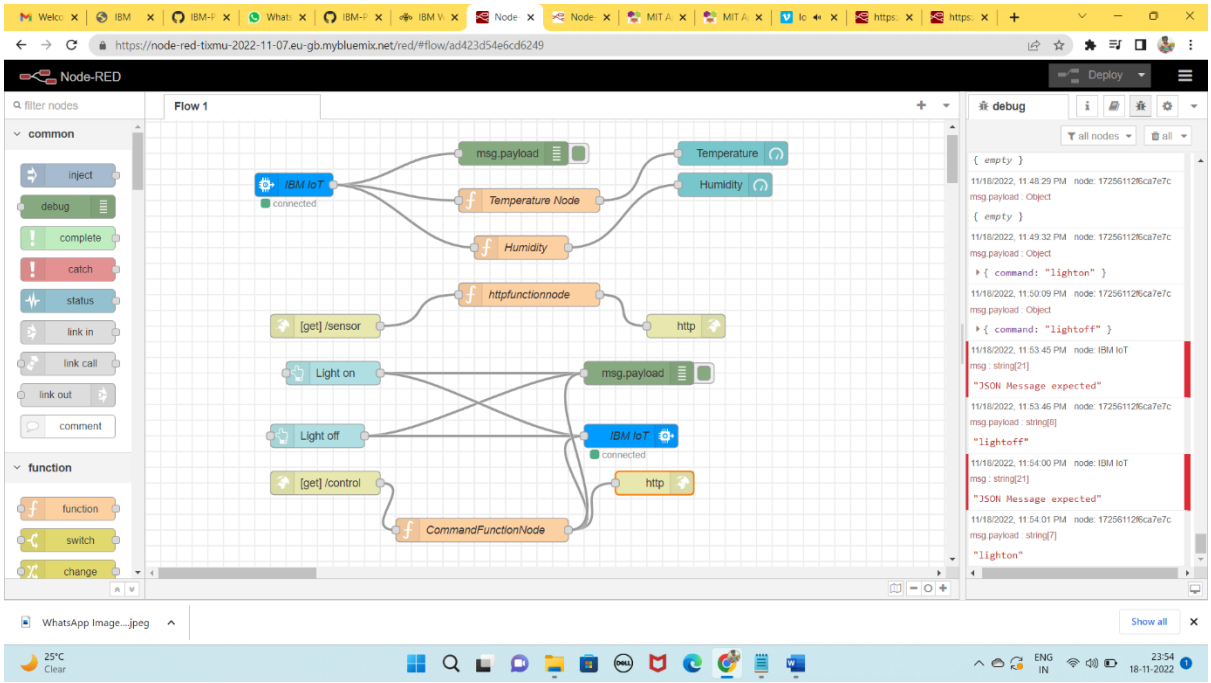
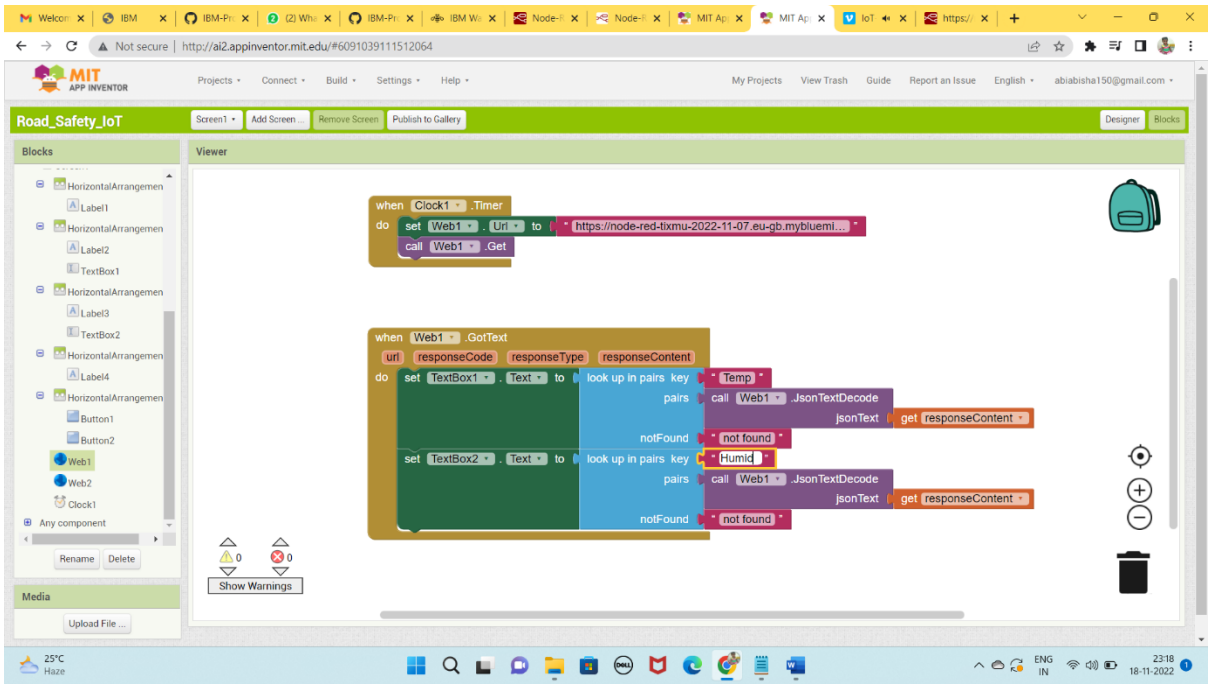
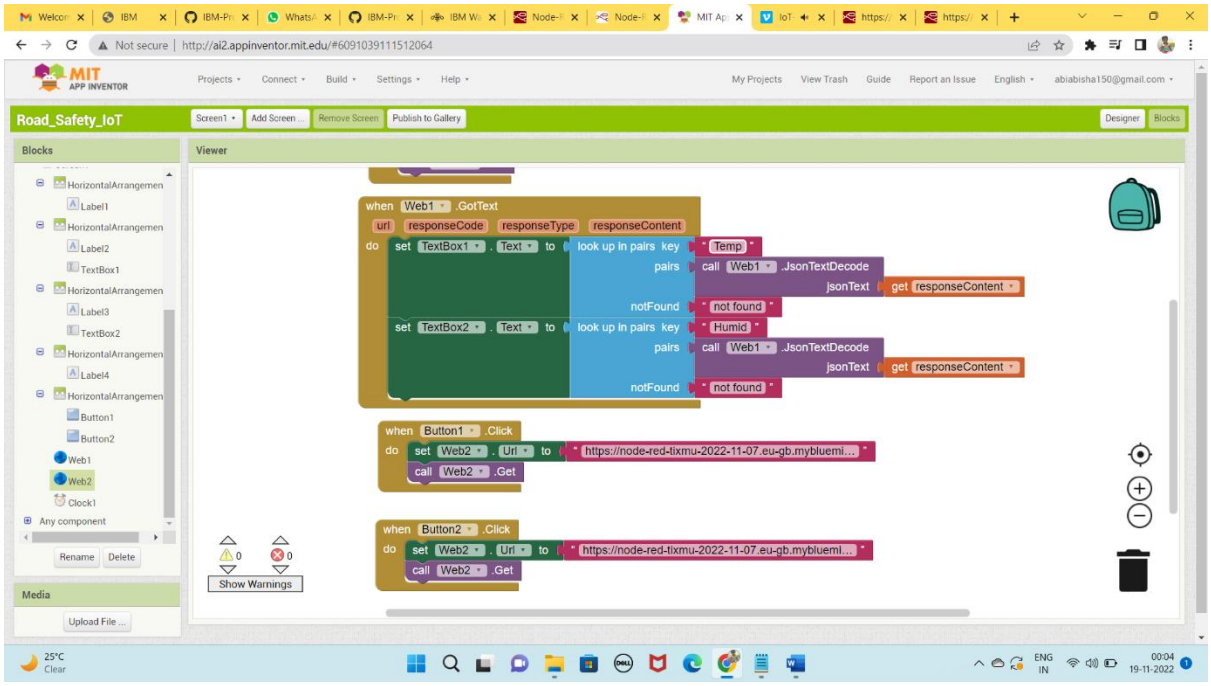
Develop a Web Application Using Node-Red






Node-RED
Deploy
Flow 1
common
inject
debug
complete
catch
status
link in
link call
link out
comment
function
function
switch
change
IBM IoT
connected
msg.payload
Temperature Node
Temperature
Humidity
Humidity
httpfunctionnode
[get] /sensor
http
Light on
msg.payload
Light off
IBM IoT
connected
[get] /control
http
CommandFunctionNode
debug
all nodes
{ empty }
11/18/2022, 11:48:29 PM node: 1725611216ca7e7c
msg.payload : Object
{ empty }
11/18/2022, 11:49:32 PM node: 1725611216ca7e7c
msg.payload : Object
{ command: "lighton" }
11/18/2022, 11:50:09 PM node: 1725611216ca7e7c
msg.payload : Object
{ command: "lightoff" }
11/18/2022, 11:53:45 PM node: IBM IoT
msg : string[21]
"JSON Message expected"
11/18/2022, 11:53:46 PM node: 1725611216ca7e7c
msg.payload : string[8]
"lightoff"
11/18/2022, 11:54:00 PM node: IBM IoT
msg : string[21]
"JSON Message expected"
11/18/2022, 11:54:01 PM node: 1725611216ca7e7c
msg.payload : string[7]
"lighton"
https://node-red-tixmu-2022-11-07.eu-gb.mybluemix.net/red/#flow/ad423d54e6cd6249
WhatsApp Image....jpeg
Show all
25°C
Clear
ENG
IN
23:54
18-11-2022


MIT APP INVENTOR
Projects
Connect
Build
Settings
Help
My Projects
View Trash
Guide
Report an Issue
English
abiabisha150@gmail.com
Road_Safety_IoT
Screen1
Add Screen ...
Remove Screen
Publish to Gallery
Designer
Blocks
Blocks
Viewer
HorizontalArrangemen
Label1
Label2
TextBox1
Label3
TextBox2
Label4
Button1
Button2
Web1
Web2
Clock1
Any component
Rename
Delete
Media
Upload File ...
when Clock1 .Timer
do set Web1 . Url to https://node-red-tixmu-2022-11-07.eu-gb.mybluemi...
call Web1 .Get
when Web1 .GotText
url responseCode responseType responseContent
do set TextBox1 . Text to look up in pairs key Temp
pairs call Web1 .JsonTextDecode
jsonText get responseContent
notFound not found
set TextBox2 . Text to look up in pairs key Humid
pairs call Web1 .JsonTextDecode
jsonText get responseContent
notFound not found
Show Warnings
Not secure
http://ai2.appinventor.mit.edu/#6091039111512064
25°C
Haze
ENG
IN
23:18
18-11-2022


Not secure | http://ai2.appinvitor.mit.edu/#6091039111512064
MIT APP INVENTOR
Projects
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Guide
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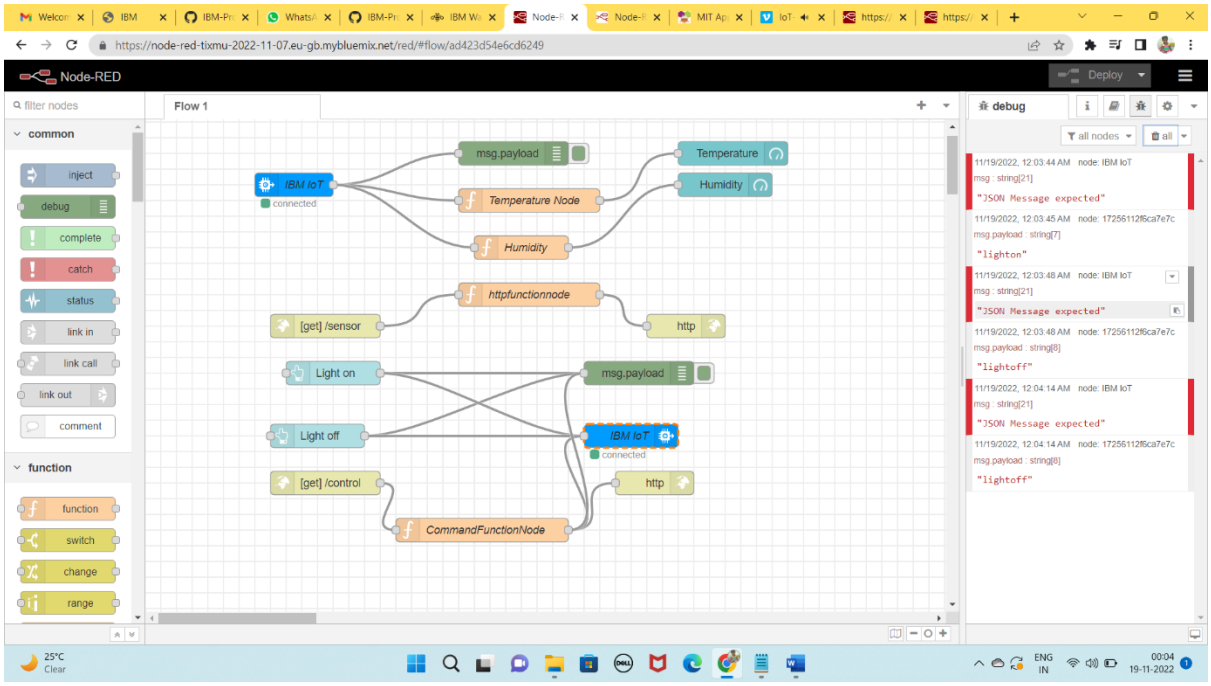
Screen1
Add Screen ...
Remove Screen
Publish to Gallery
Designer
Blocks
Blocks
Viewer
HorizontalArrangemen
Label1
HorizontalArrangemen
Label2
TextBox1
HorizontalArrangemen
Label3
TextBox2
HorizontalArrangemen
Label4
HorizontalArrangemen
Button1
Button2
Web1
Web2
Clock1
Any component
Rename
Delete
Media
Upload File ...
when Web1 .GotText
url responseCode responseType responseContent
do set TextBox1 . Text to look up in pairs key " Temp "
pairs call Web1 .JsonTextDecode
jsonText get responseContent
notFound " not found "
set TextBox2 . Text to look up in pairs key " Humid "
pairs call Web1 .JsonTextDecode
jsonText get responseContent
notFound " not found "
when Button1 .Click
do set Web2 . Url to " https://node-red-tixmu-2022-11-07.eu-gb.mybluemi... "
call Web2 .Get
when Button2 .Click
do set Web2 . Url to " https://node-red-tixmu-2022-11-07.eu-gb.mybluemi... "
call Web2 .Get
0
0
Show Warnings
25°C
Clear
ENG
IN
00:04
19-11-2022


11:32 PM | 2.2KB/s
92%
Screen1
Weather Monitoring
Temperature
69
Humidity
64
Control
Light On
Light Off


https://node-red-tixmu-2022-11-07.eu-gb.mybluemix.net/red/#flow/ad423d54e6cd6249
Node-RED
Deploy
filter nodes
common
inject
debug
complete
catch
status
link in
link call
link out
comment
function
function
switch
change
range
Flow 1
IBM IoT
connected
msg.payload
Temperature Node
Humidity
Temperature
Humidity
httpfunctionnode
[get] /sensor
http
Light on
msg.payload
Light off
IBM IoT
connected
[get] /control
http
CommandFunctionNode
debug
all nodes
all
11/19/2022, 12:03:44 AM node: IBM IoT
msg : string[21]
"JSON Message expected"
11/19/2022, 12:03:45 AM node: 172561126fca7e7c
msg.payload : string[7]
"lighton"
11/19/2022, 12:03:48 AM node: IBM IoT
msg : string[21]
"JSON Message expected"
11/19/2022, 12:03:48 AM node: 172561126fca7e7c
msg.payload : string[8]
"lightoff"
11/19/2022, 12:04:14 AM node: IBM IoT
msg : string[21]
"JSON Message expected"
11/19/2022, 12:04:14 AM node: 172561126fca7e7c
msg.payload : string[8]
"lightoff"
25°C
Clear
ENG
IN
00:04
19-11-2022