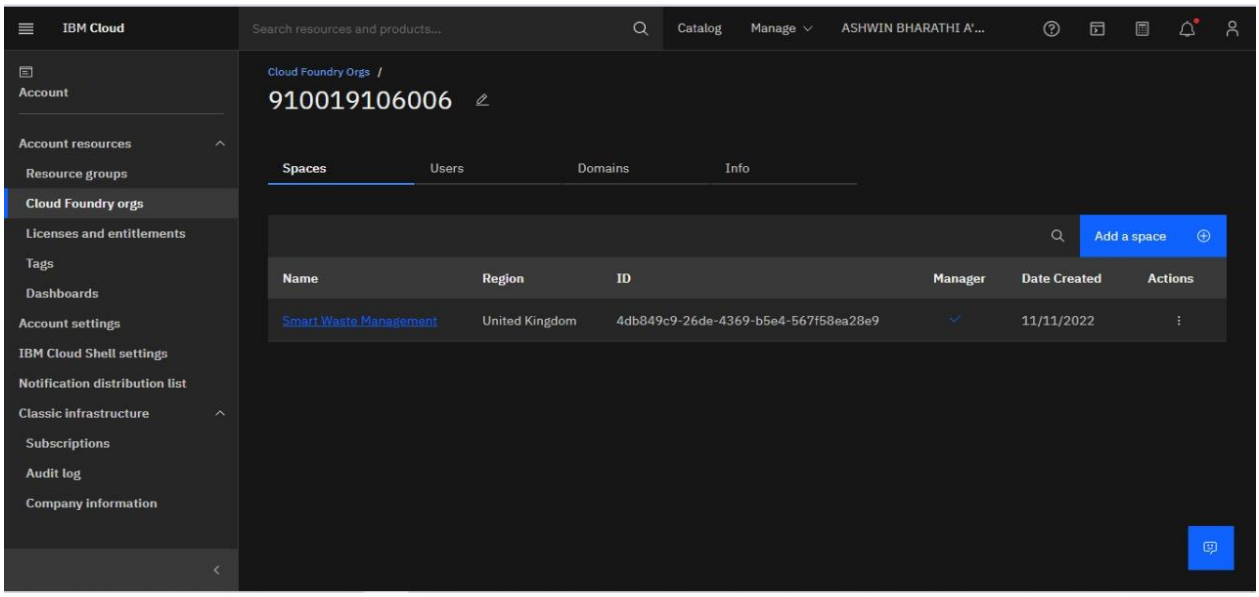
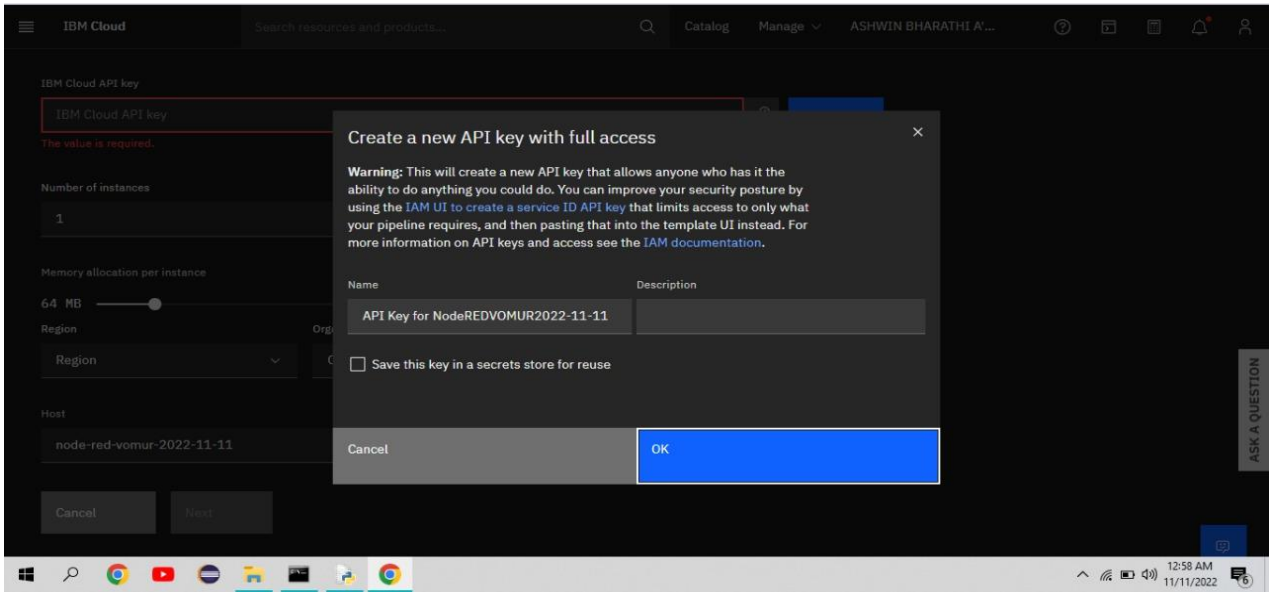
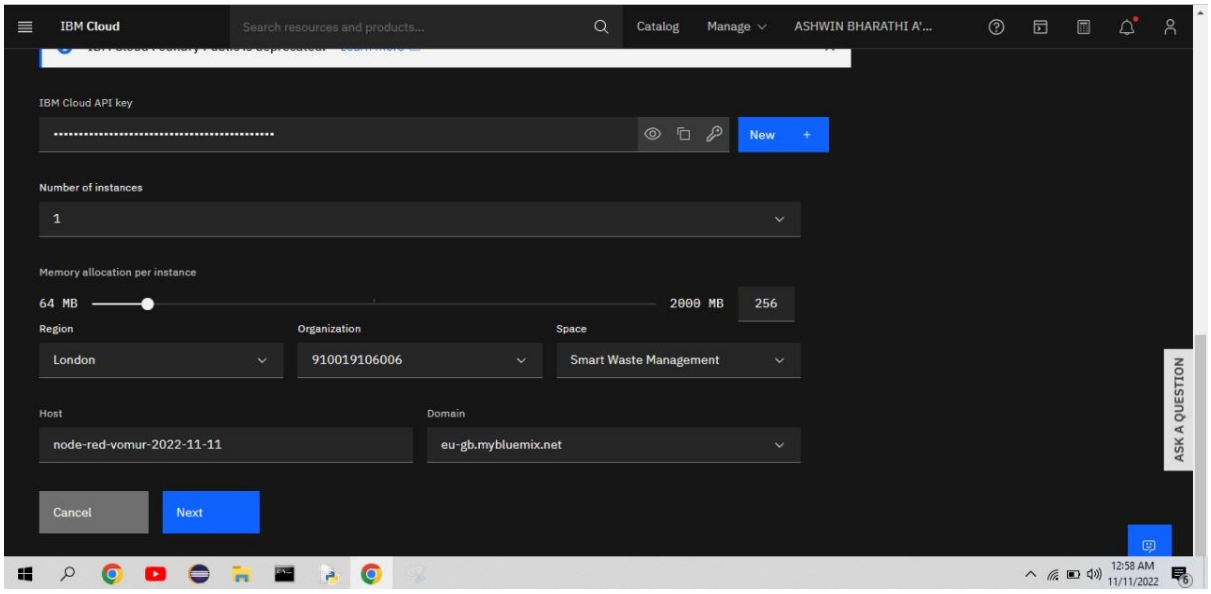
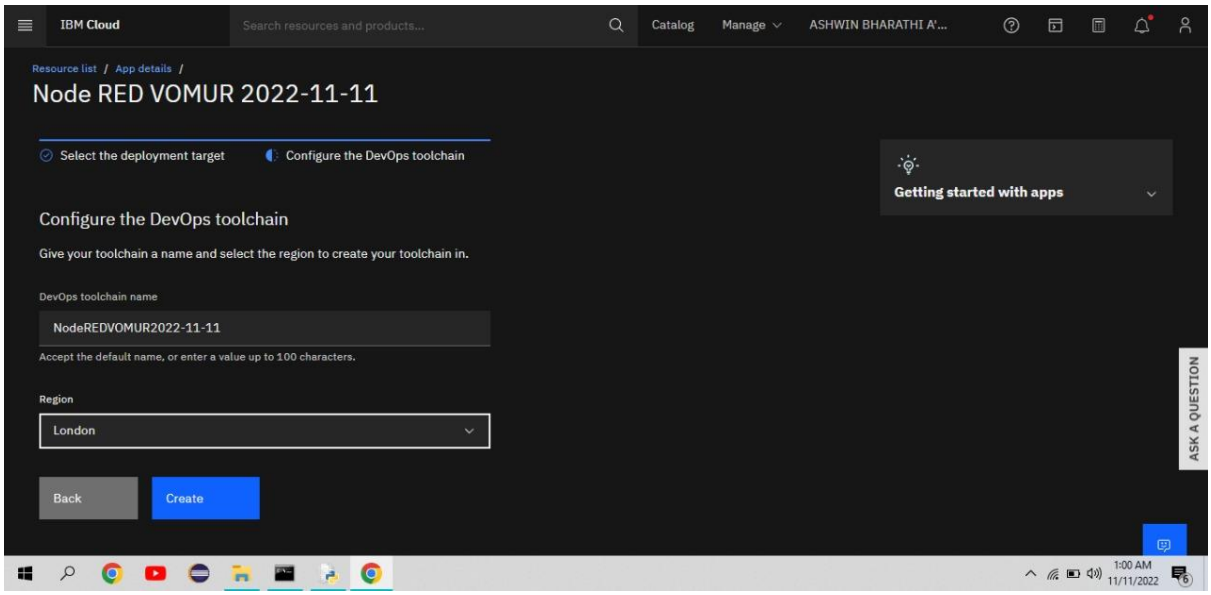
Sprint-4

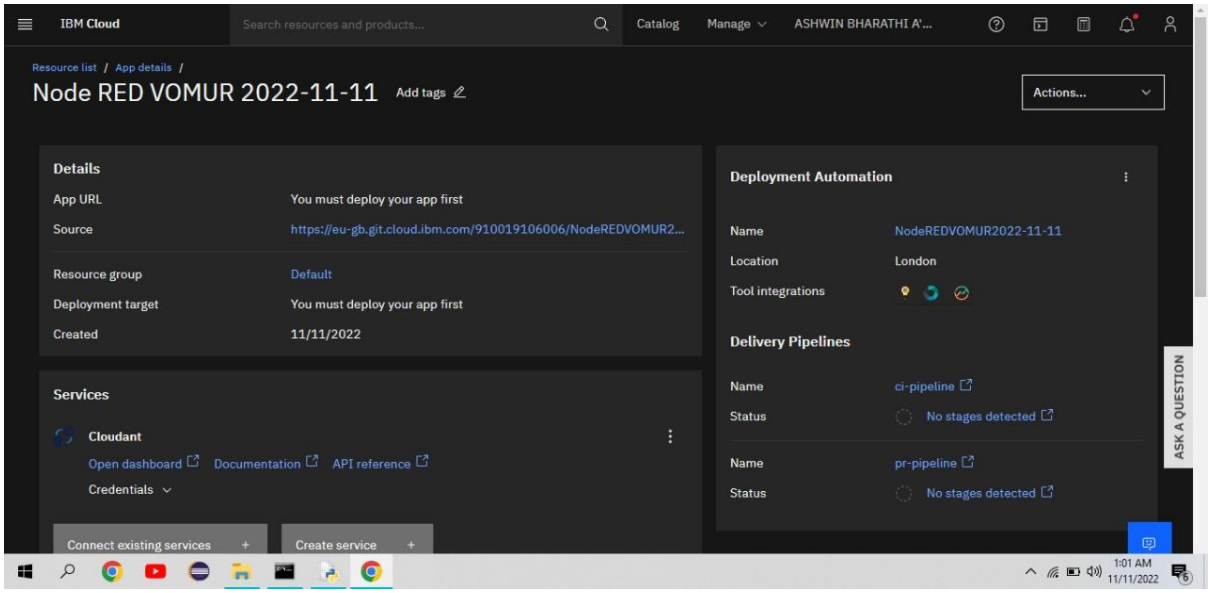
Date	15 November 2022
Team ID	PNT2022TMID47456
Project Name	Smart Waste Management System
Maximum Marks	20 marks

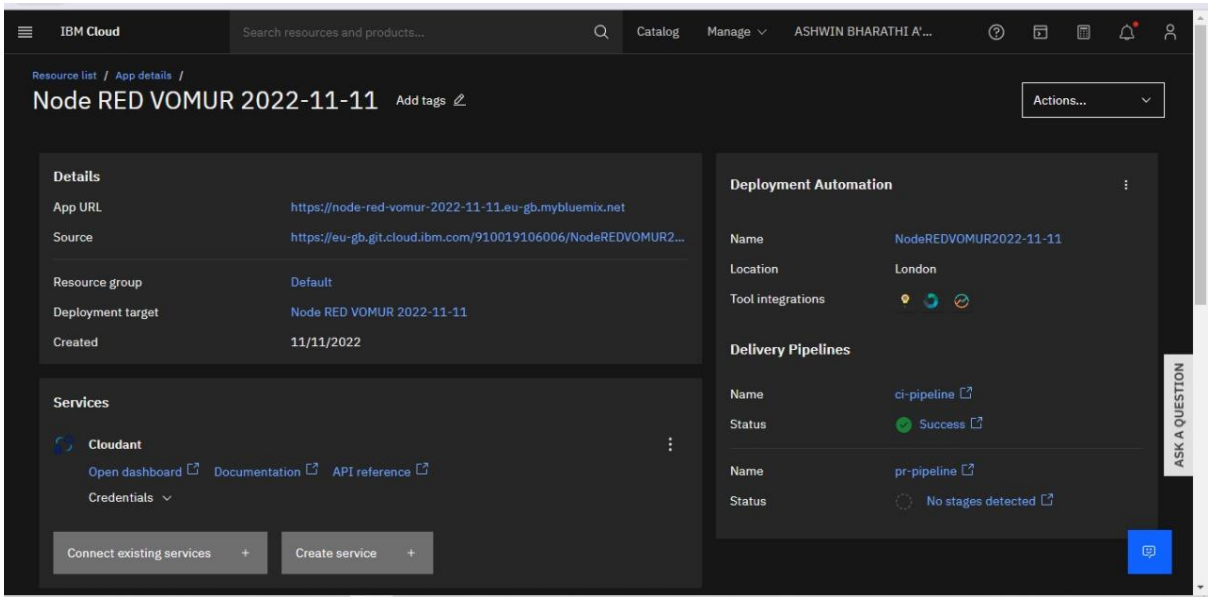


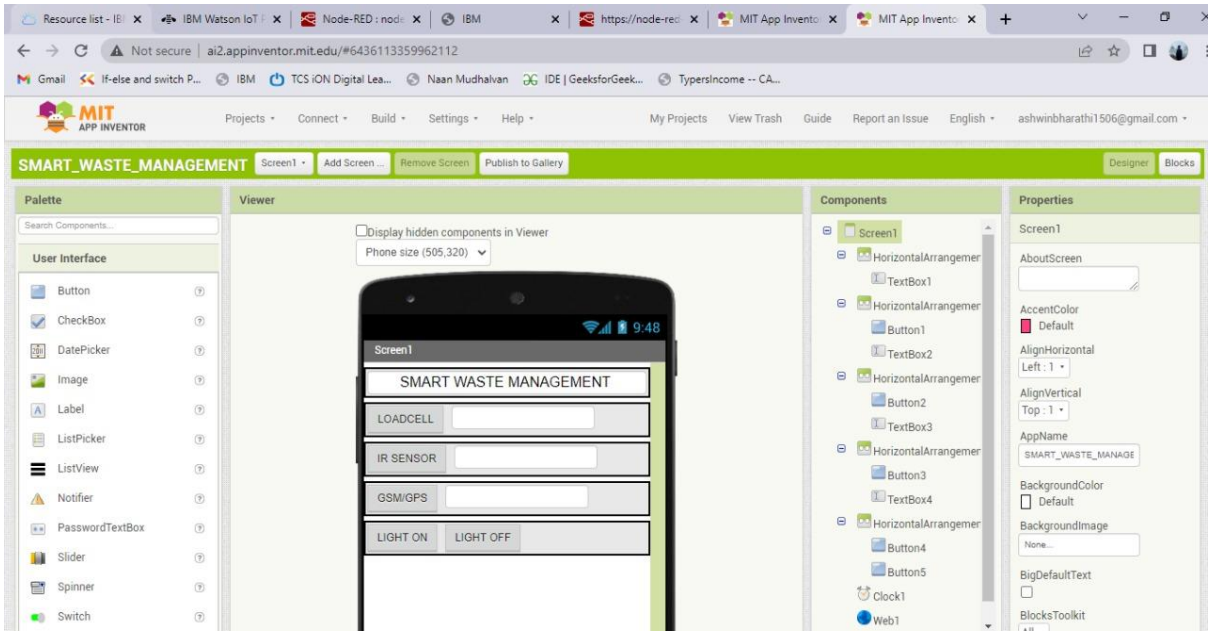


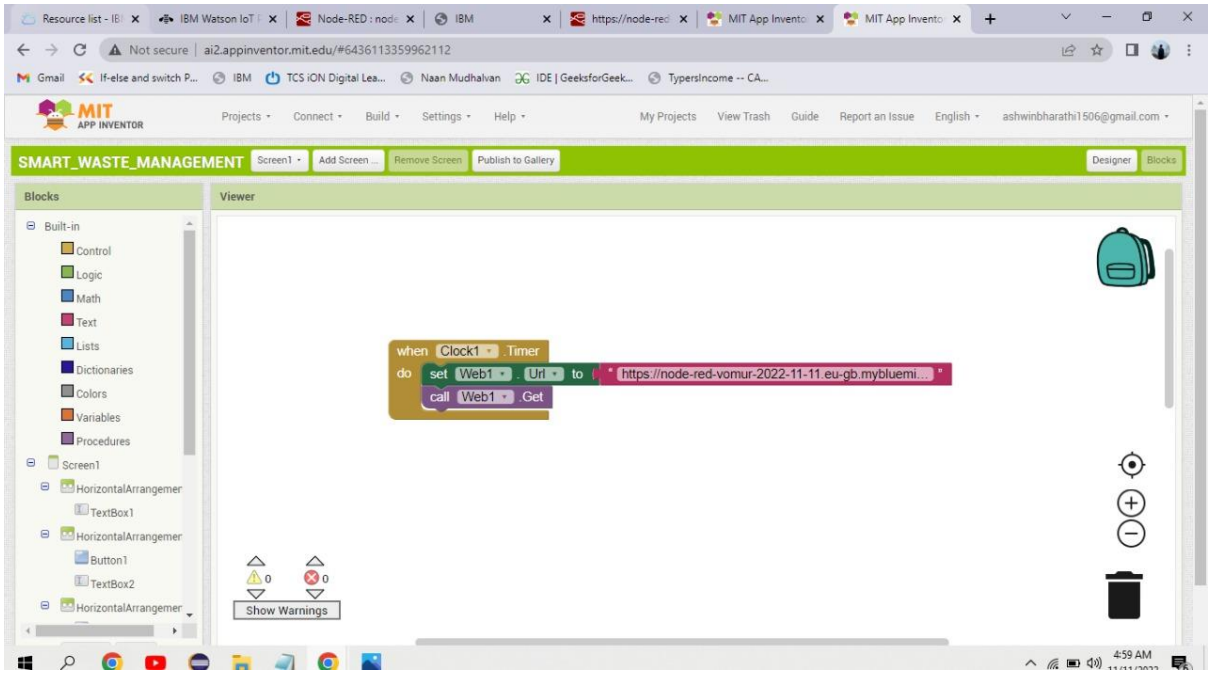

IBM Cloud
Search resources and products...
Catalog
Manage
ASHWIN BHARATHI A'...
IBM Cloud API key
New
Number of instances
1
Memory allocation per instance
64 MB
2000 MB
256
Region
London
Organization
910019106006
Space
Smart Waste Management
Host
node-red-vomur-2022-11-11
Domain
eu-gb.mybluemix.net
Cancel
Next
ASK A QUESTION
12:58 AM
11/11/2022

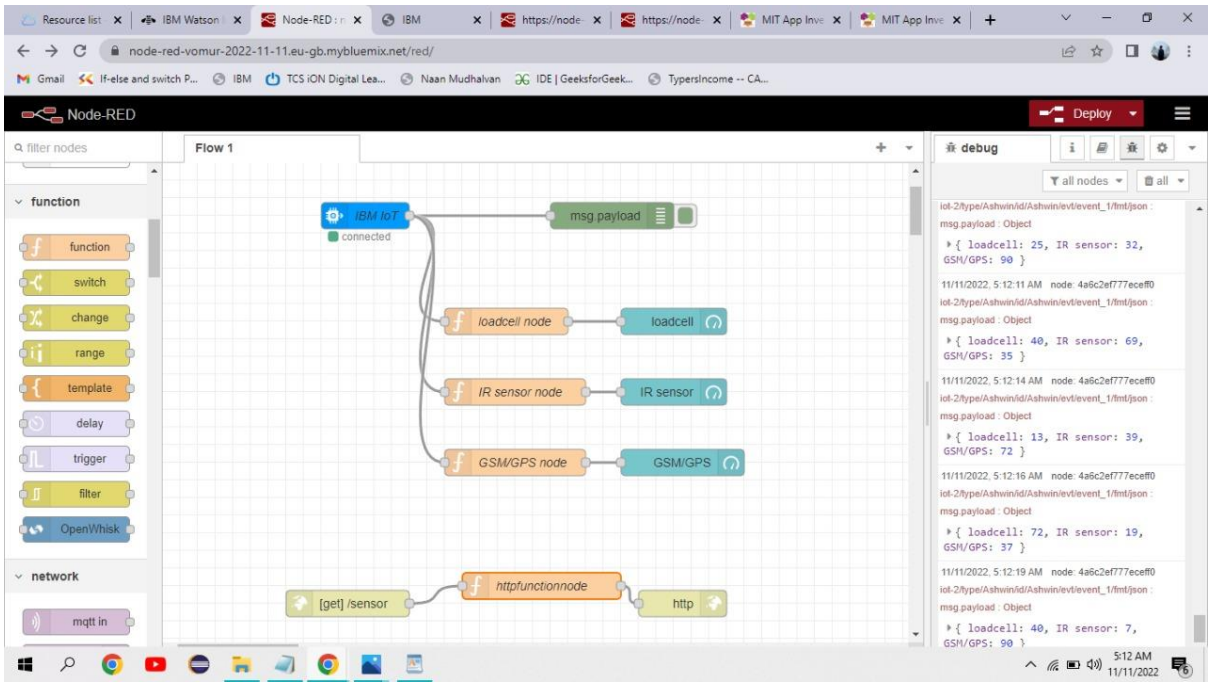

IBM Cloud
Search resources and products...
Catalog
Manage
ASHWIN BHARATHI A'...
Resource list / App details /
Node RED VOMUR 2022-11-11
Select the deployment target
Configure the DevOps toolchain
Getting started with apps
Configure the DevOps toolchain
Give your toolchain a name and select the region to create your toolchain in.
DevOps toolchain name
NodeREDVOMUR2022-11-11
Accept the default name, or enter a value up to 100 characters.
Region
London
Back
Create
ASK A QUESTION
1:00 AM
11/11/2022

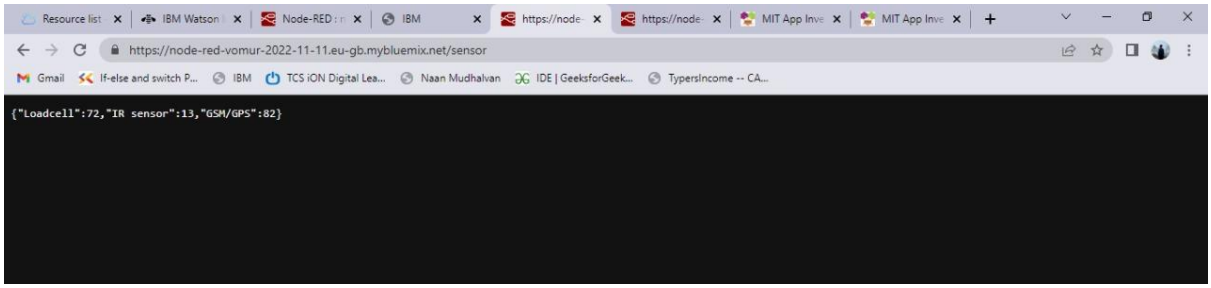

IBM Cloud
Search resources and products...
Catalog
Manage
ASHWIN BHARATHI A'...
Resource list / App details /
Node RED VOMUR 2022-11-11
Add tags
Actions...
Details
App URL
You must deploy your app first
Source
https://eu-gb.git.cloud.ibm.com/910019106006/NodeREDVOMUR2...
Resource group
Default
Deployment target
You must deploy your app first
Created
11/11/2022
Deployment Automation
Name
NodeREDVOMUR2022-11-11
Location
London
Tool integrations
Delivery Pipelines
Name
ci-pipeline
Status
No stages detected
Name
pr-pipeline
Status
No stages detected
Services
Cloudant
Open dashboard
Documentation
API reference
Credentials
Connect existing services
Create service
ASK A QUESTION
1:01 AM
11/11/2022

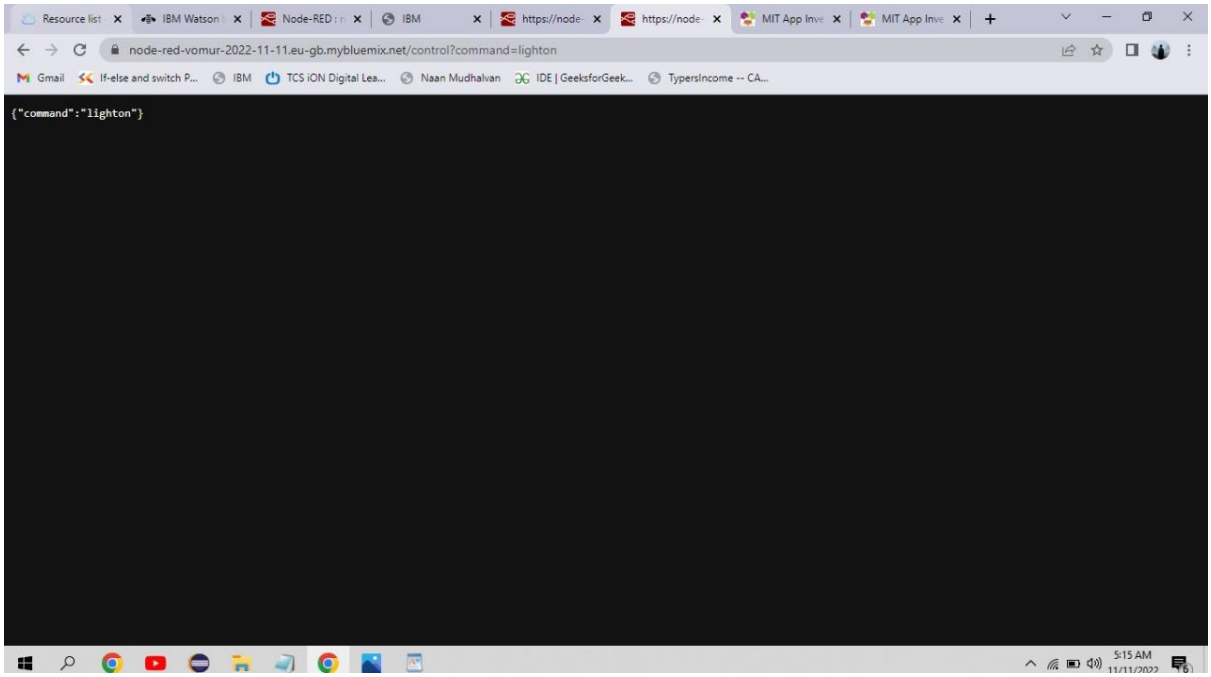

IBM Cloud
Search resources and products...
Catalog
Manage
ASHWIN BHARATHI A'...
Resource list / App details /
Node RED VOMUR 2022-11-11
Add tags
Actions...
Details
App URL
https://node-red-vomur-2022-11-11.eu-gb.mybluemix.net
Source
https://eu-gb.git.cloud.ibm.com/910019106006/NodeREDVOMUR2...
Resource group
Default
Deployment target
Node RED VOMUR 2022-11-11
Created
11/11/2022
Services
Cloudant
Open dashboard
Documentation
API reference
Credentials
Connect existing services
Create service
Deployment Automation
Name
NodeREDVOMUR2022-11-11
Location
London
Tool integrations
Delivery Pipelines
Name
ci-pipeline
Status
Success
Name
pr-pipeline
Status
No stages detected
ASK A QUESTION

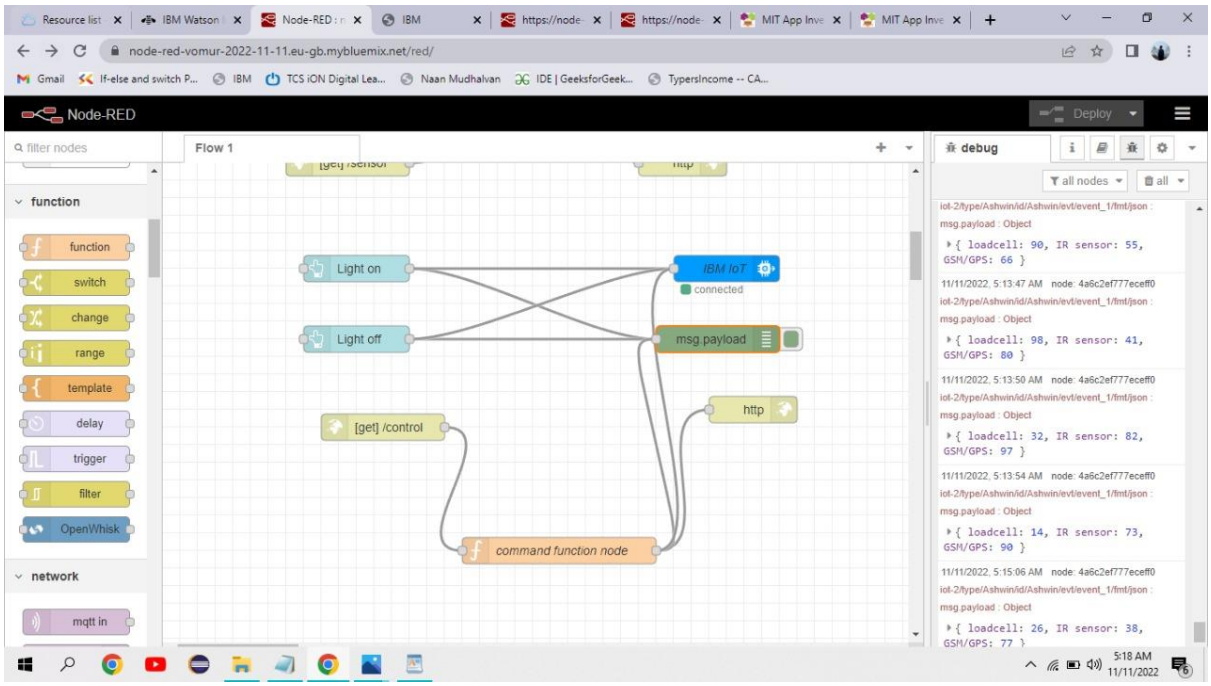

Not secure
ai2.appinventor.mit.edu/#6436113359962112
MIT APP INVENTOR
Projects
Connect
Build
Settings
Help
My Projects
View Trash
Guide
Report an Issue
English
ashwinbharathi1506@gmail.com
SMART_WASTE_MANAGEMENT
Screen1
Add Screen ...
Remove Screen
Publish to Gallery
Designer
Blocks
Palette
User Interface
Button
CheckBox
DatePicker
Image
Label
ListPicker
ListView
Notifier
PasswordTextBox
Slider
Spinner
Switch
Viewer
Display hidden components in Viewer
Phone size (505,320)
9:48
Screen1
SMART WASTE MANAGEMENT
LOADCELL
IR SENSOR
GSM/GPS
LIGHT ON
LIGHT OFF
Components
Screen1
HorizontalArrangemer
TextBox1
Button1
TextBox2
Button2
TextBox3
Button3
TextBox4
Button4
Button5
Clock1
Web1
Properties
Screen1
AboutScreen
AccentColor
Default
AlignHorizontal
Left : 1
AlignVertical
Top : 1
AppName
SMART_WASTE_MANAGE
BackgroundColor
Default
BackgroundImage
None...
BigDefaultText
BlocksToolkit

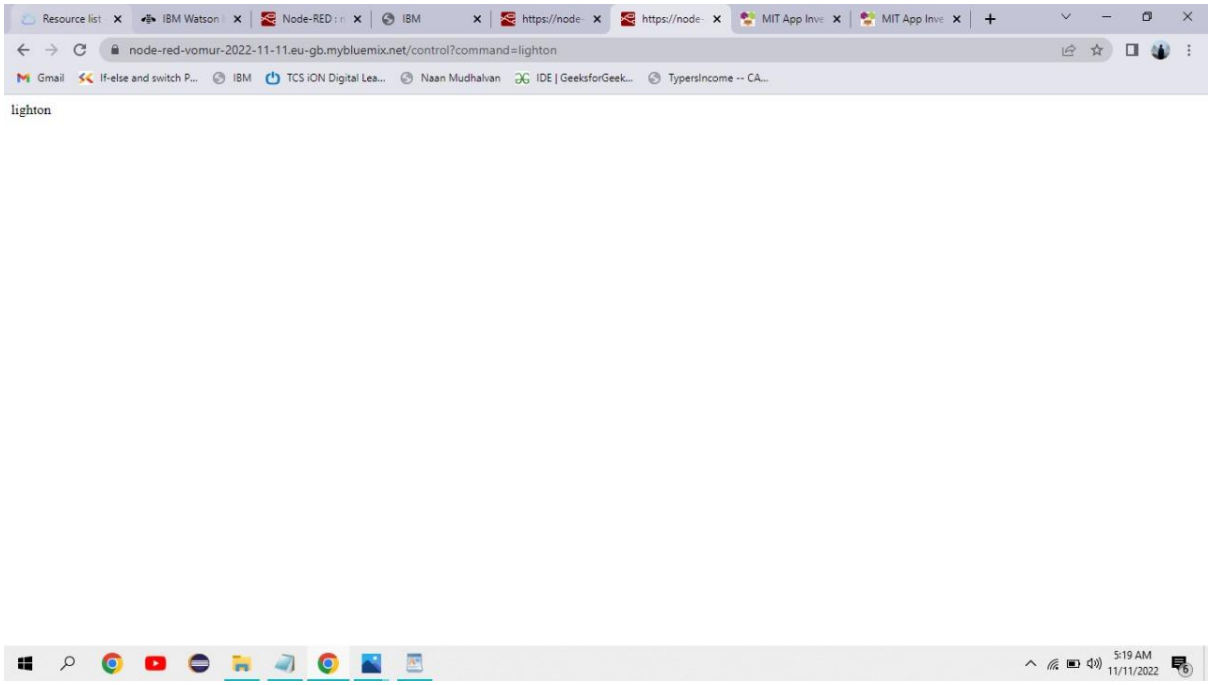

SMART_WASTE_MANAGEMENT
Blocks
Viewer
when Clock1 .Timer
do set Web1 . Url to "https://node-red-vomur-2022-11-11.eu-gb.mybluemi..."
call Web1 .Get
Show Warnings

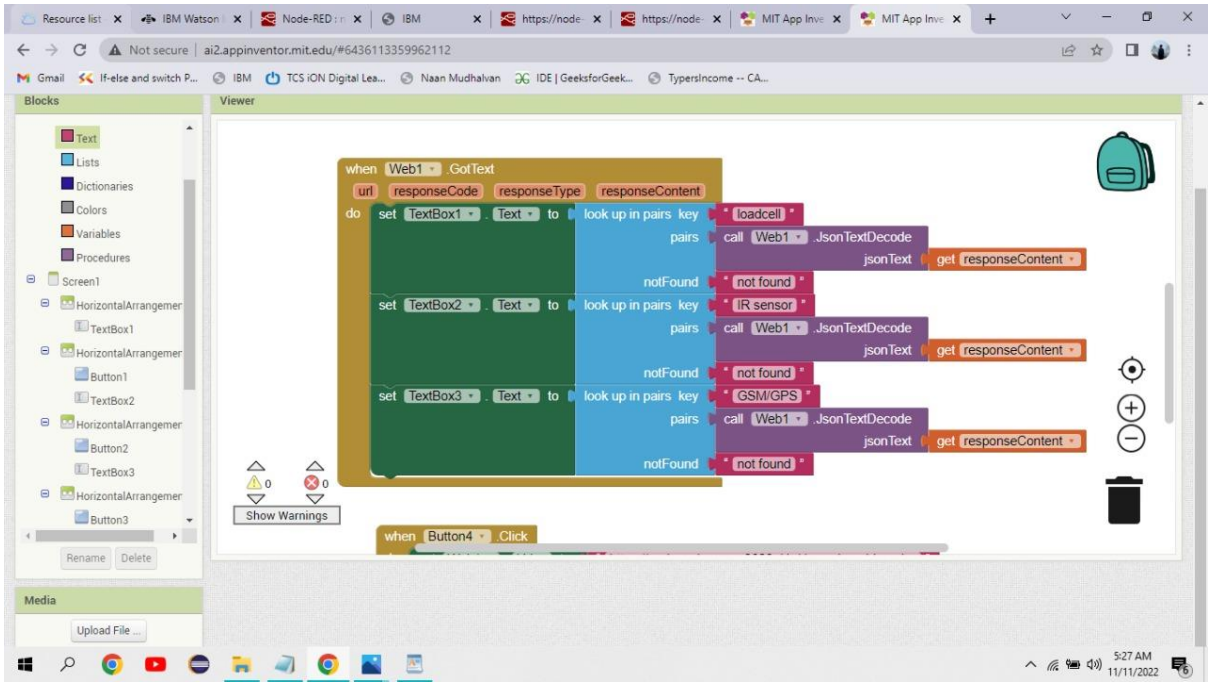

Node-RED
Deploy
Flow 1
debug
IBM IoT
connected
msg.payload
loadcell node
loadcell
IR sensor node
IR sensor
GSM/GPS node
GSM/GPS
[get] /sensor
httpfunctionnode
http

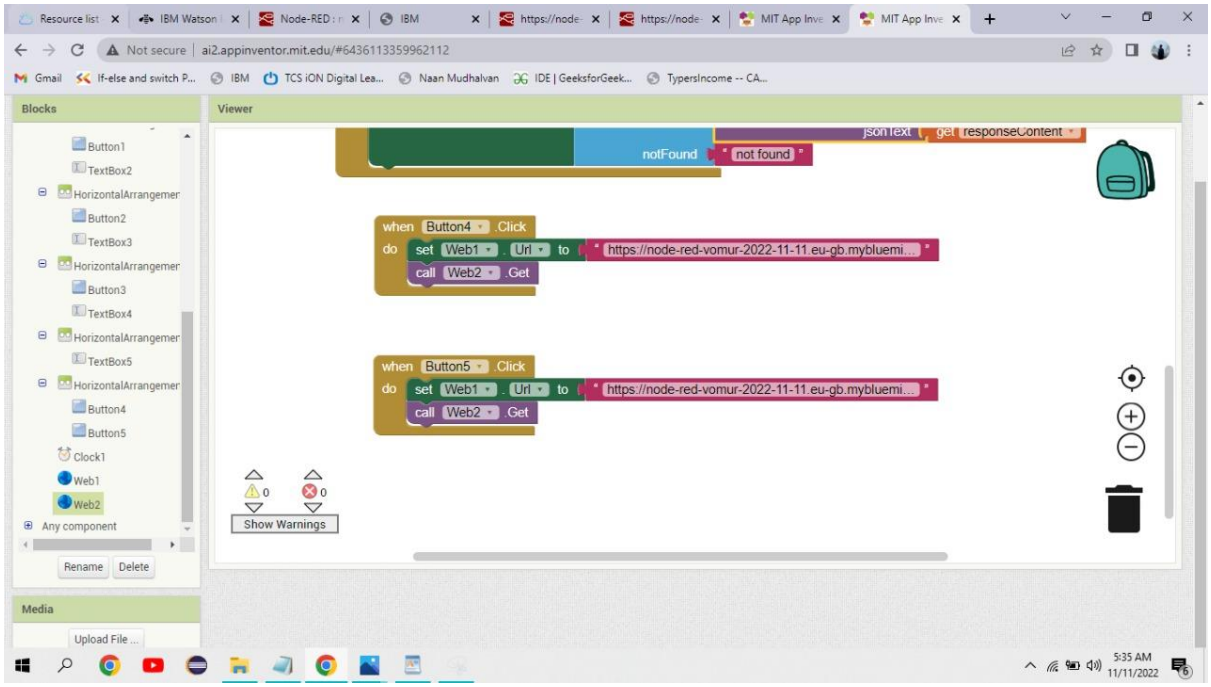

{"Loadcell":72,"IR sensor":13,"GSM/GPS":82}

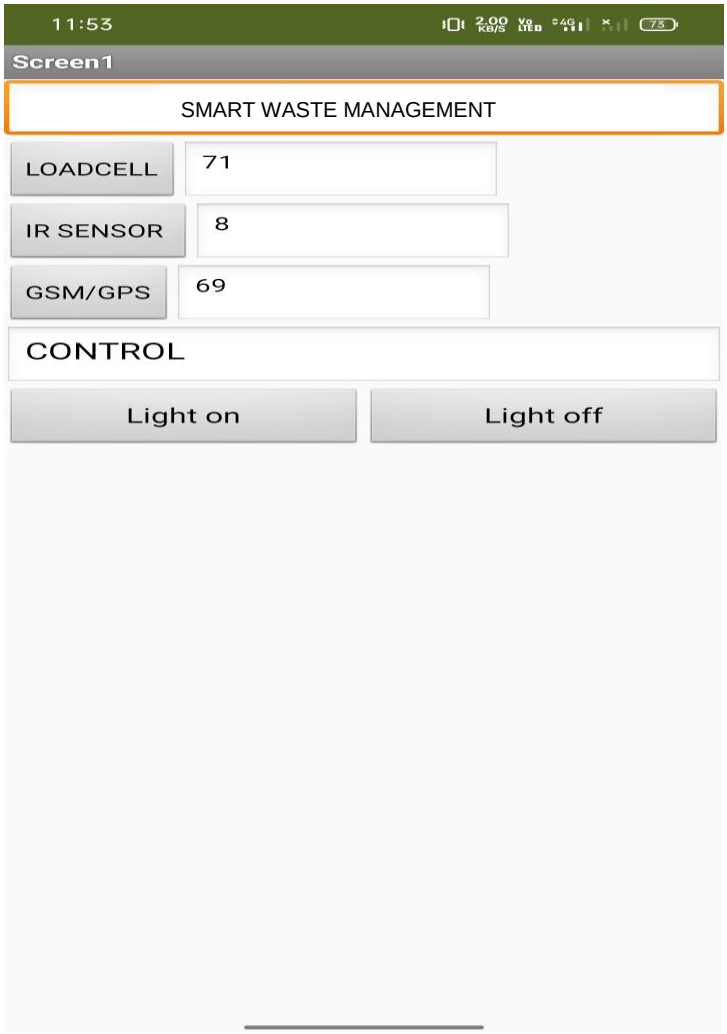

node-red-vomur-2022-11-11.eu-gb.mybluemix.net/control?command=lighton
{"command":"lighton"}


node-red-vomur-2022-11-11.eu-gb.mybluemix.net/red/
Node-RED
Deploy
Flow 1
debug
function
switch
change
range
template
delay
trigger
filter
OpenWhisk
network
mqtt in
Light on
Light off
[get] /control
IBM IoT
connected
msg.payload
http
command function node
{ loadcell: 90, IR sensor: 55, GSM/GPS: 66 }
{ loadcell: 98, IR sensor: 41, GSM/GPS: 80 }
{ loadcell: 32, IR sensor: 82, GSM/GPS: 97 }
{ loadcell: 14, IR sensor: 73, GSM/GPS: 90 }


node-red-vomur-2022-11-11.eu-gb.mybluemix.net/control?command=lighton
lighton
5:19 AM
11/11/2022


Not secure | ai2.appinventor.mit.edu/#6436113359962112
Blocks
Viewer
Text
Lists
Dictionaries
Colors
Variables
Procedures
Screen1
HorizontalArrangemer
TextBox1
Button1
TextBox2
Button2
TextBox3
Button3
Rename
Delete
Media
Upload File ...
when Web1 .GotText
url responseCode responseType responseContent
do set TextBox1 . Text to look up in pairs key " loadcell "
pairs call Web1 .JsonTextDecode
jsonText get responseContent
notFound " not found "
set TextBox2 . Text to look up in pairs key " IR sensor "
pairs call Web1 .JsonTextDecode
jsonText get responseContent
notFound " not found "
set TextBox3 . Text to look up in pairs key " GSM/GPS "
pairs call Web1 .JsonTextDecode
jsonText get responseContent
notFound " not found "
Show Warnings
when Button4 .Click
5:27 AM
11/11/2022


Blocks
Viewer
Button1
TextBox2
HorizontalArrangemer
Button2
TextBox3
HorizontalArrangemer
Button3
TextBox4
HorizontalArrangemer
TextBox5
HorizontalArrangemer
Button4
Button5
Clock1
Web1
Web2
Any component
Rename
Delete
Media
Upload File ...
notFound
not found
when Button4 .Click
do set Web1 . Url to https://node-red-vomur-2022-11-11.eu-gb.mybluemi...
call Web2 .Get
when Button5 .Click
do set Web1 . Url to https://node-red-vomur-2022-11-11.eu-gb.mybluemi...
call Web2 .Get
Show Warnings
5:35 AM
11/11/2022


11:53
Screen1
SMART WASTE MANAGEMENT
LOADCELL
71
IR SENSOR
8
GSM/GPS
69
CONTROL
Light on
Light off