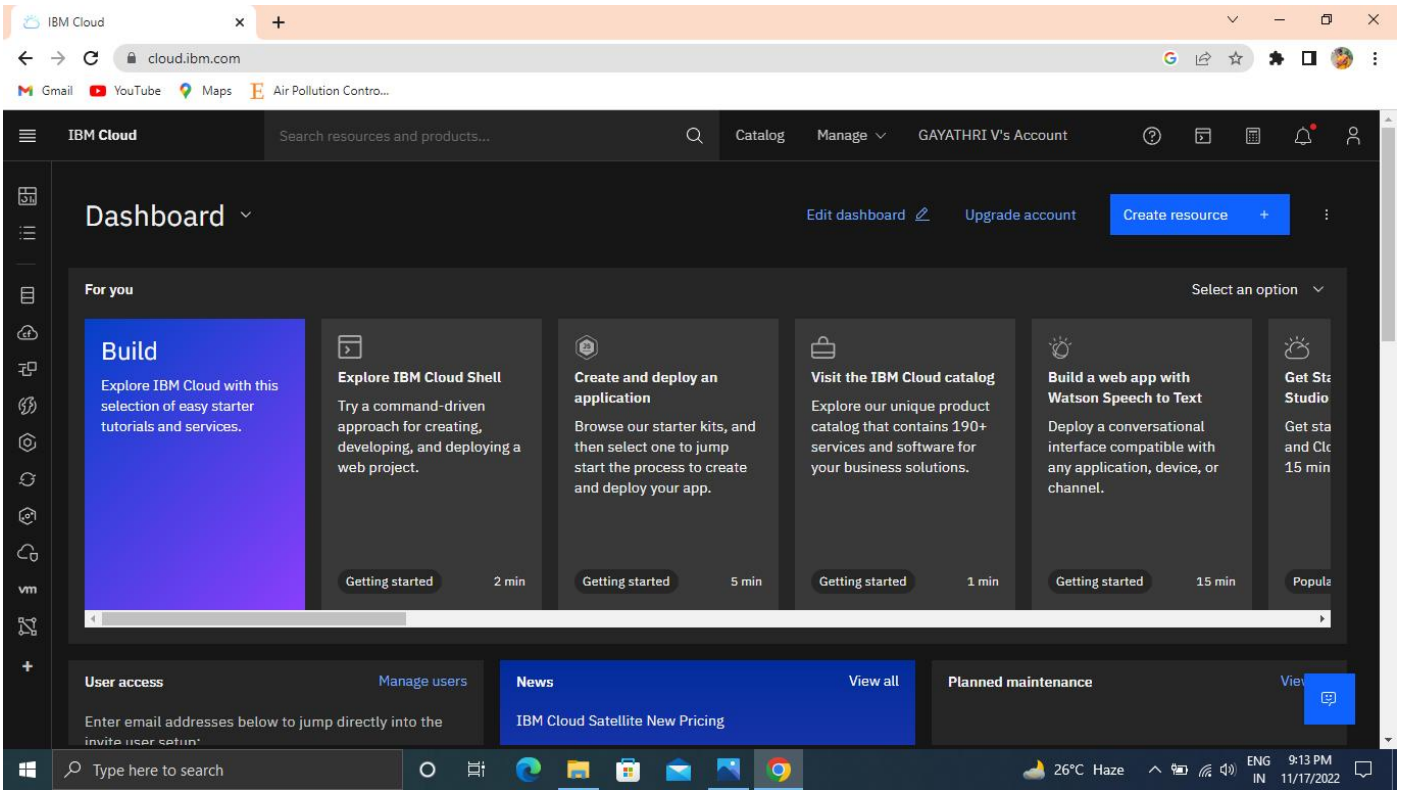
Create Node RED Service

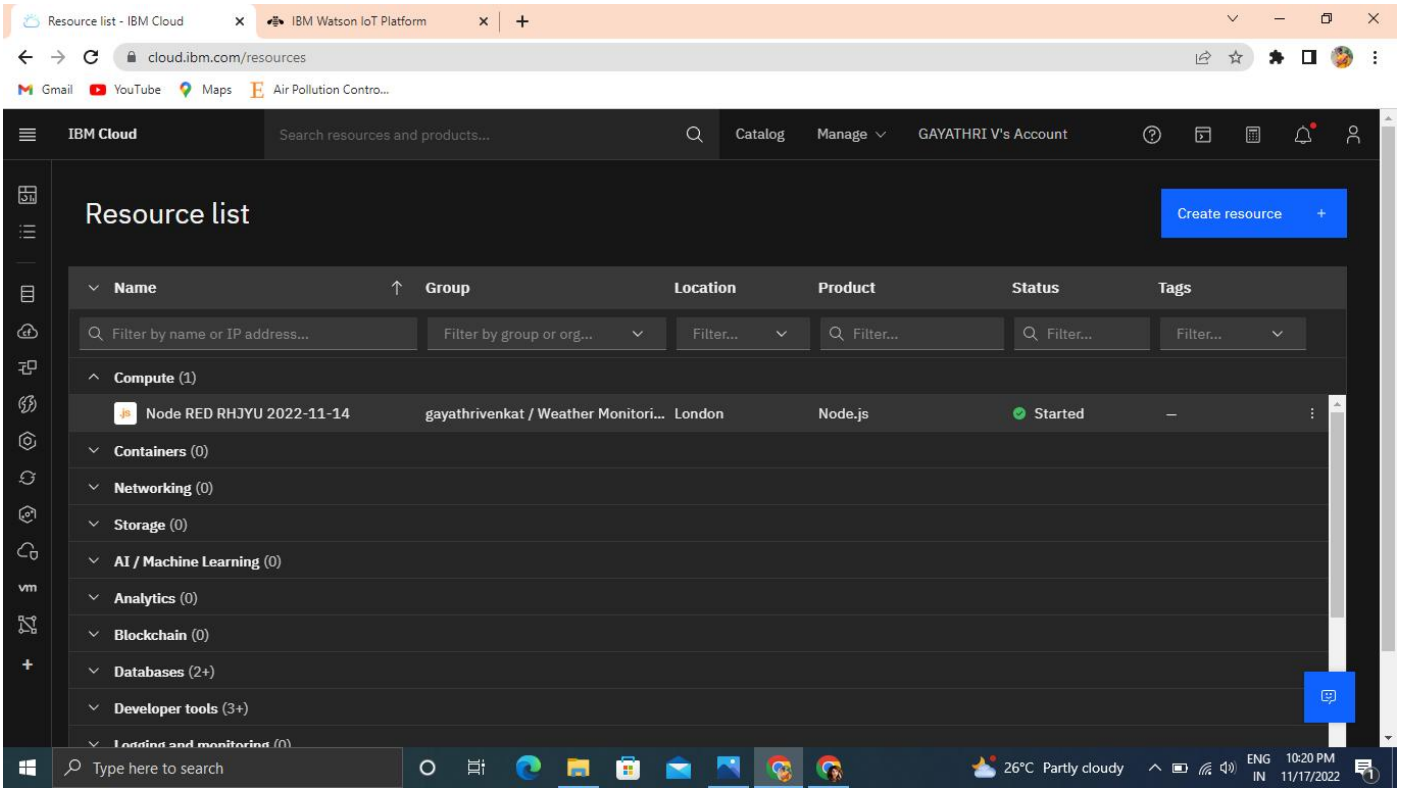
Date	31/10/2022
Student Name	GAYATHRI V
Student Roll Number	422419104011

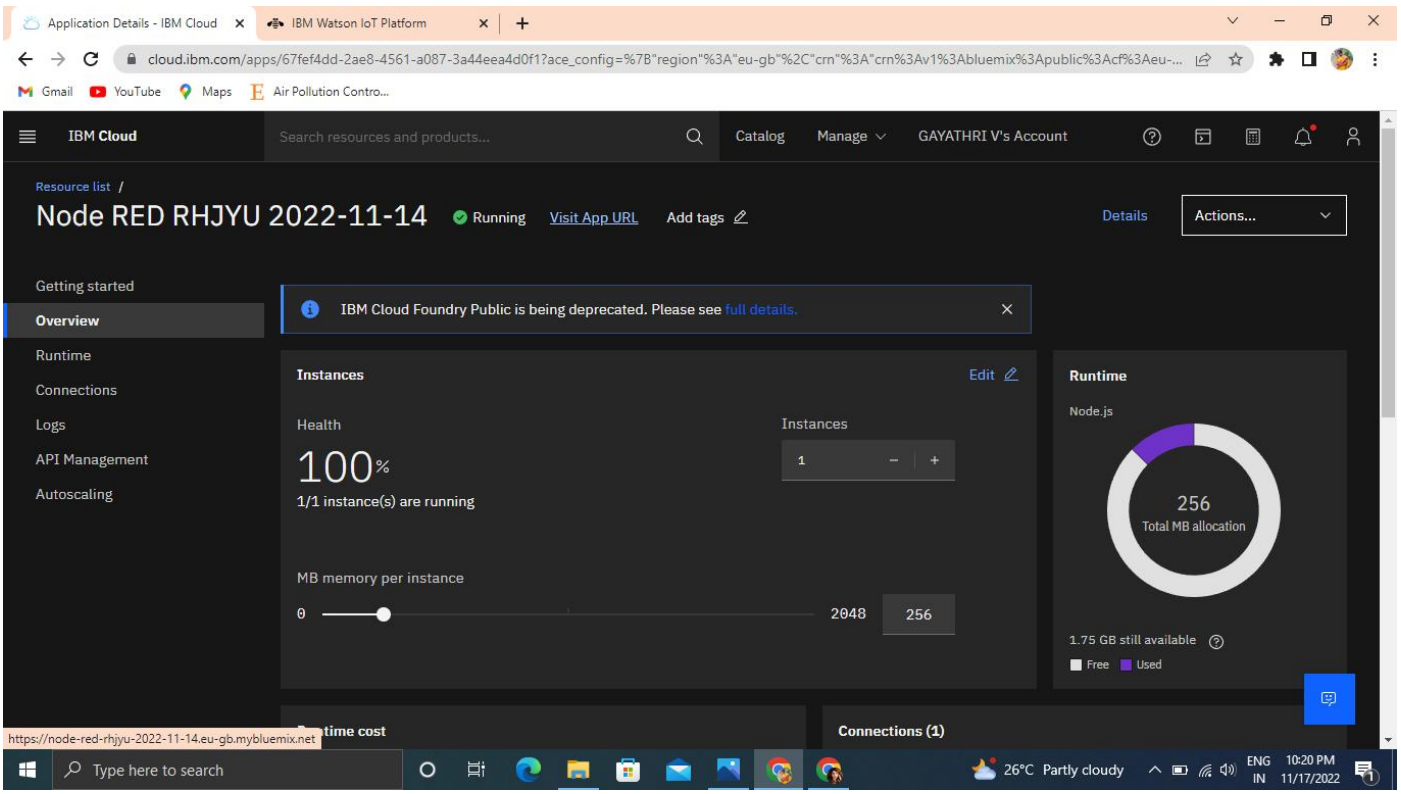
AIM:

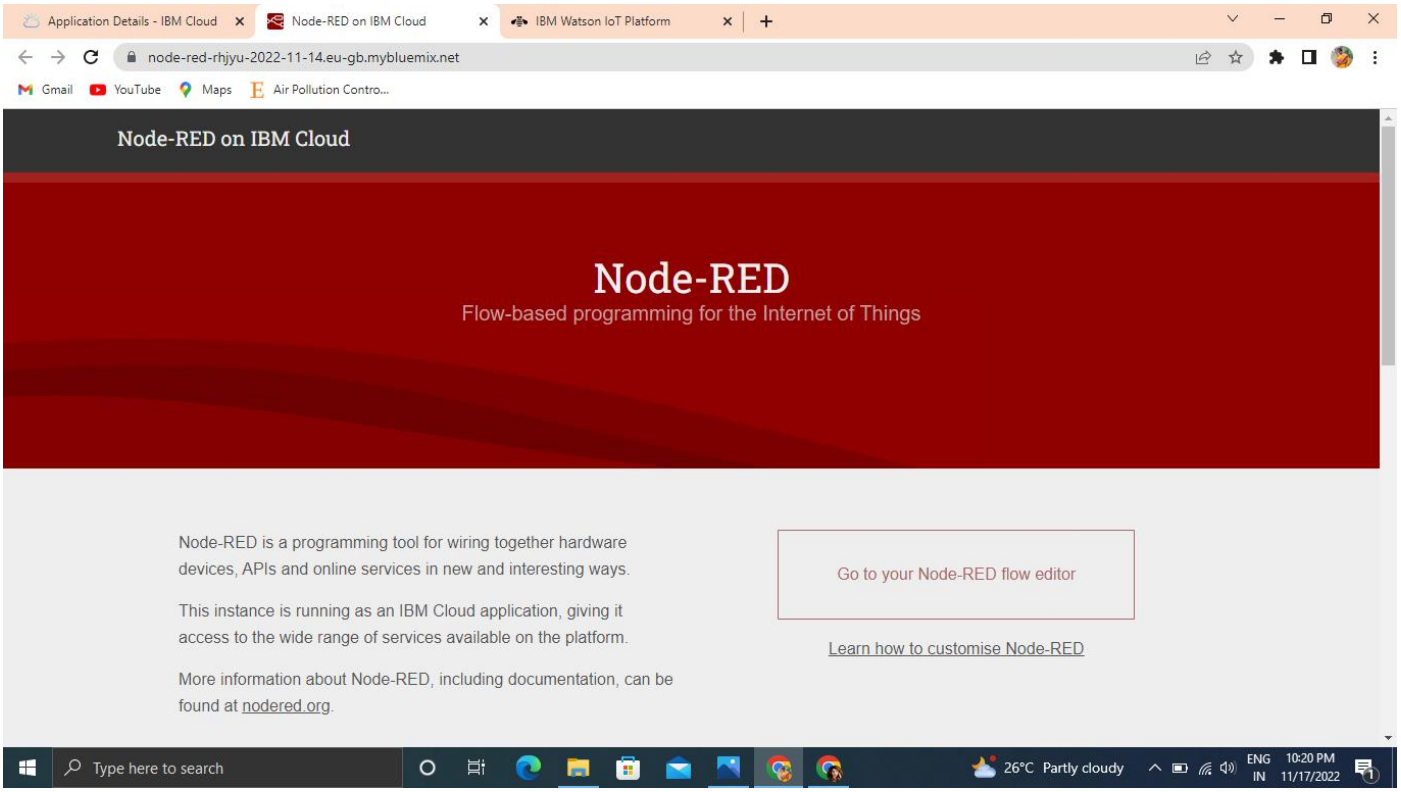
To create a Web Application and Create a Node RED

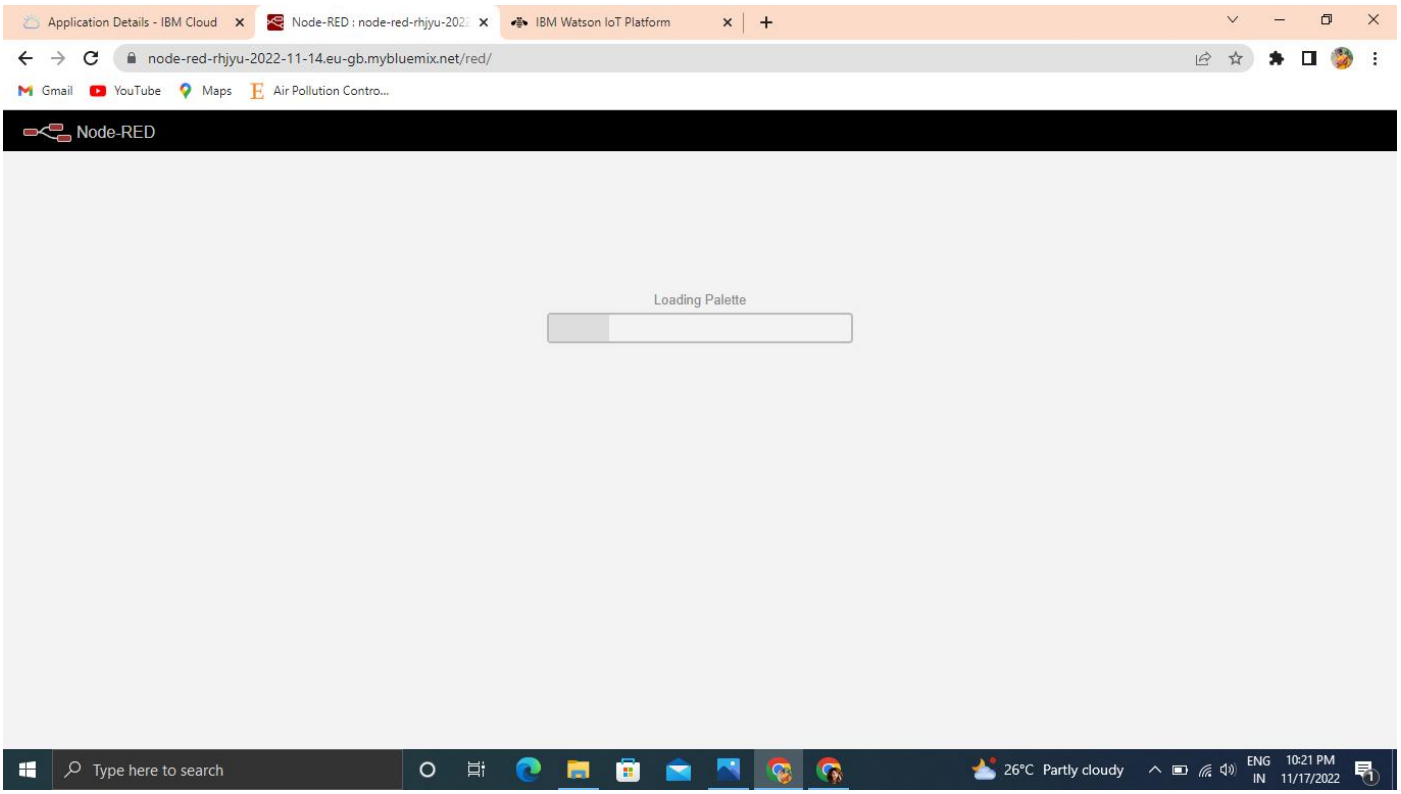
STEPS:

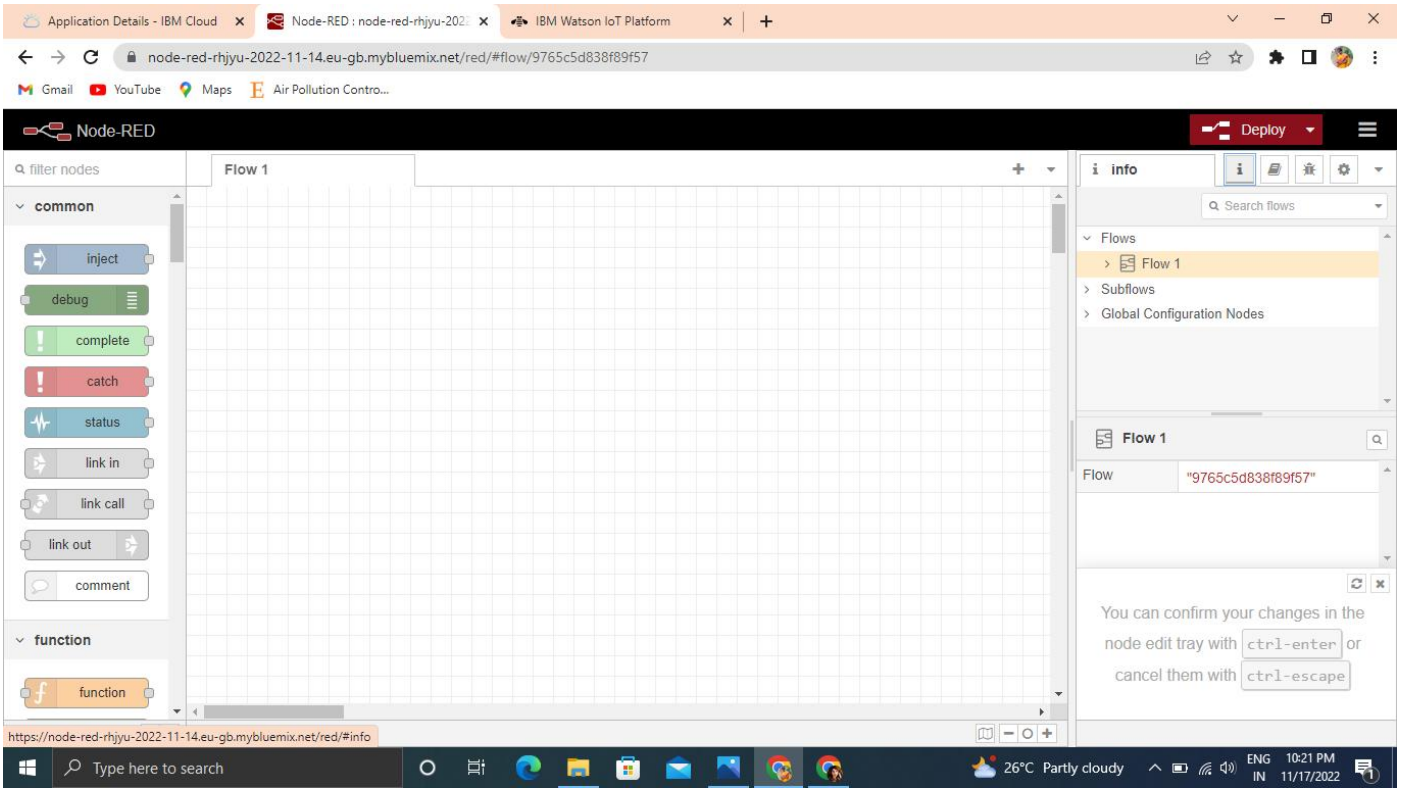


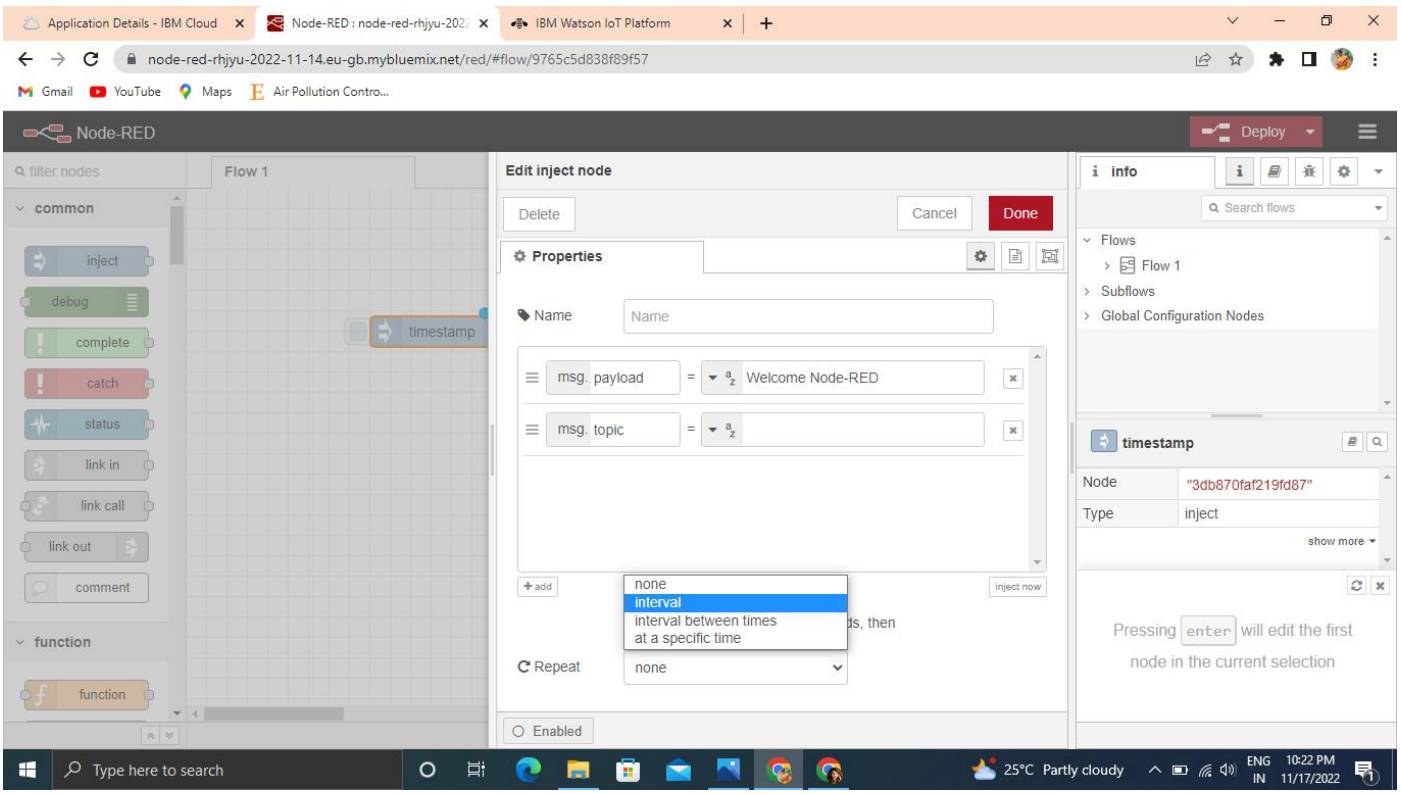

Resource list - IBM Cloud
IBM Watson IoT Platform
cloud.ibm.com/resources
Gmail
YouTube
Maps
Air Pollution Contro...
IBM Cloud
Search resources and products...
Catalog
Manage
GAYATHRI V's Account
Resource list
Create resource
Name
Group
Location
Product
Status
Tags
Filter by name or IP address...
Filter by group or org...
Filter...
Compute (1)
Node RED RHJYU 2022-11-14
gayathrivenkat / Weather Monitori...
London
Node.js
Started
Containers (0)
Networking (0)
Storage (0)
AI / Machine Learning (0)
Analytics (0)
Blockchain (0)
Databases (2+)
Developer tools (3+)
Type here to search
26°C Partly cloudy
ENG
IN
10:20 PM
11/17/2022

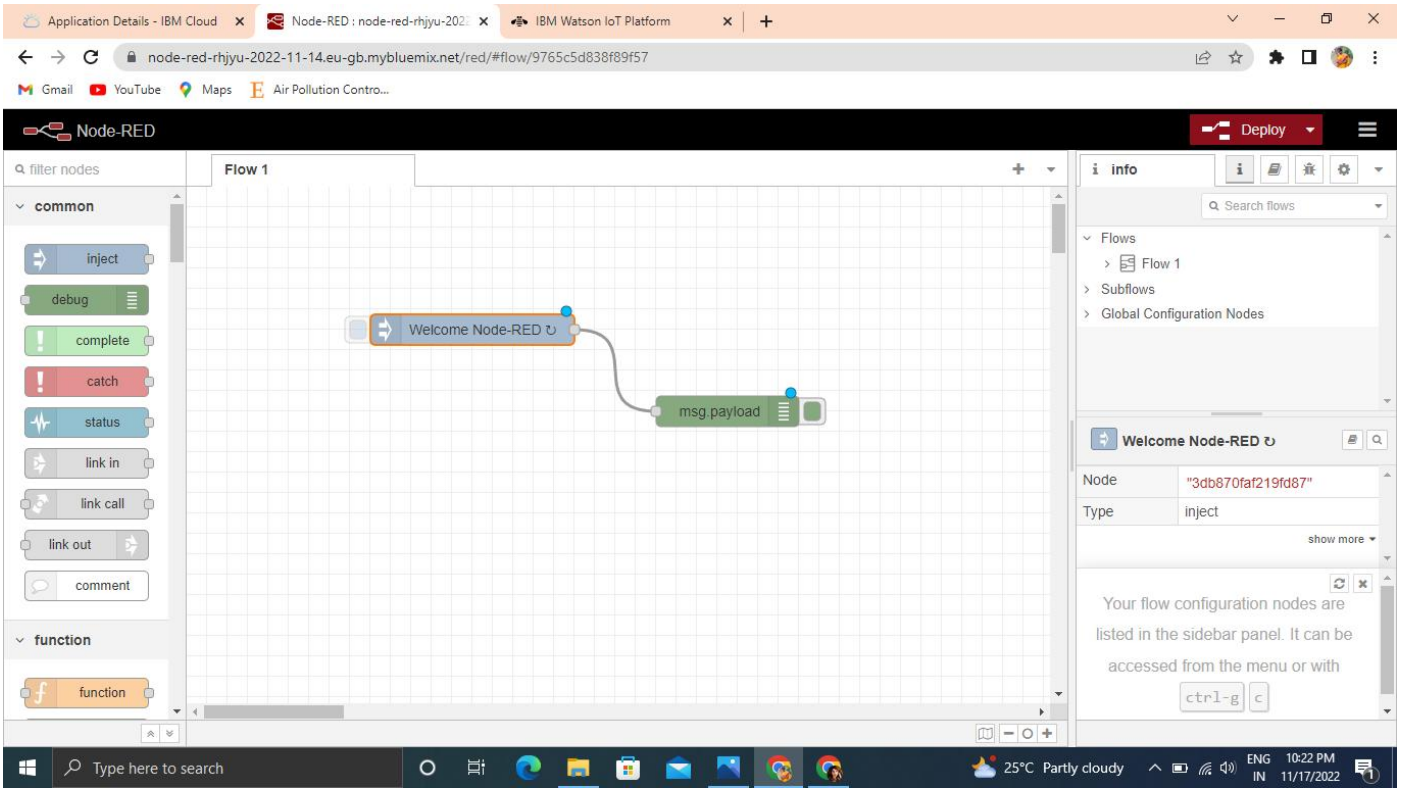

Application Details - IBM Cloud
IBM Watson IoT Platform
cloud.ibm.com/apps/67fef4dd-2ae8-4561-a087-3a44eea4d0f1?ace_config=%7B"region"%3A"eu-gb"%2C"crn"%3A"crn%3Av1%3Abluemix%3Apublic%3Acf%3Aeu-...
Gmail
YouTube
Maps
Air Pollution Contro...
IBM Cloud
Search resources and products...
Catalog
Manage
GAYATHRI V's Account
Resource list /
Node RED RHJYU 2022-11-14
Running
Visit App URL
Add tags
Details
Actions...
Getting started
Overview
Runtime
Connections
Logs
API Management
Autoscaling
IBM Cloud Foundry Public is being deprecated. Please see full details.
Instances
Edit
Health
100%
1/1 instance(s) are running
Instances
1
MB memory per instance
0
2048
256
Runtime
Node.js
256
Total MB allocation
1.75 GB still available
Free
Used
Connections (1)
https://node-red-rhjyu-2022-11-14.eu-gb.mybluemix.net
Type here to search
26°C Partly cloudy
ENG
IN
10:20 PM
11/17/2022

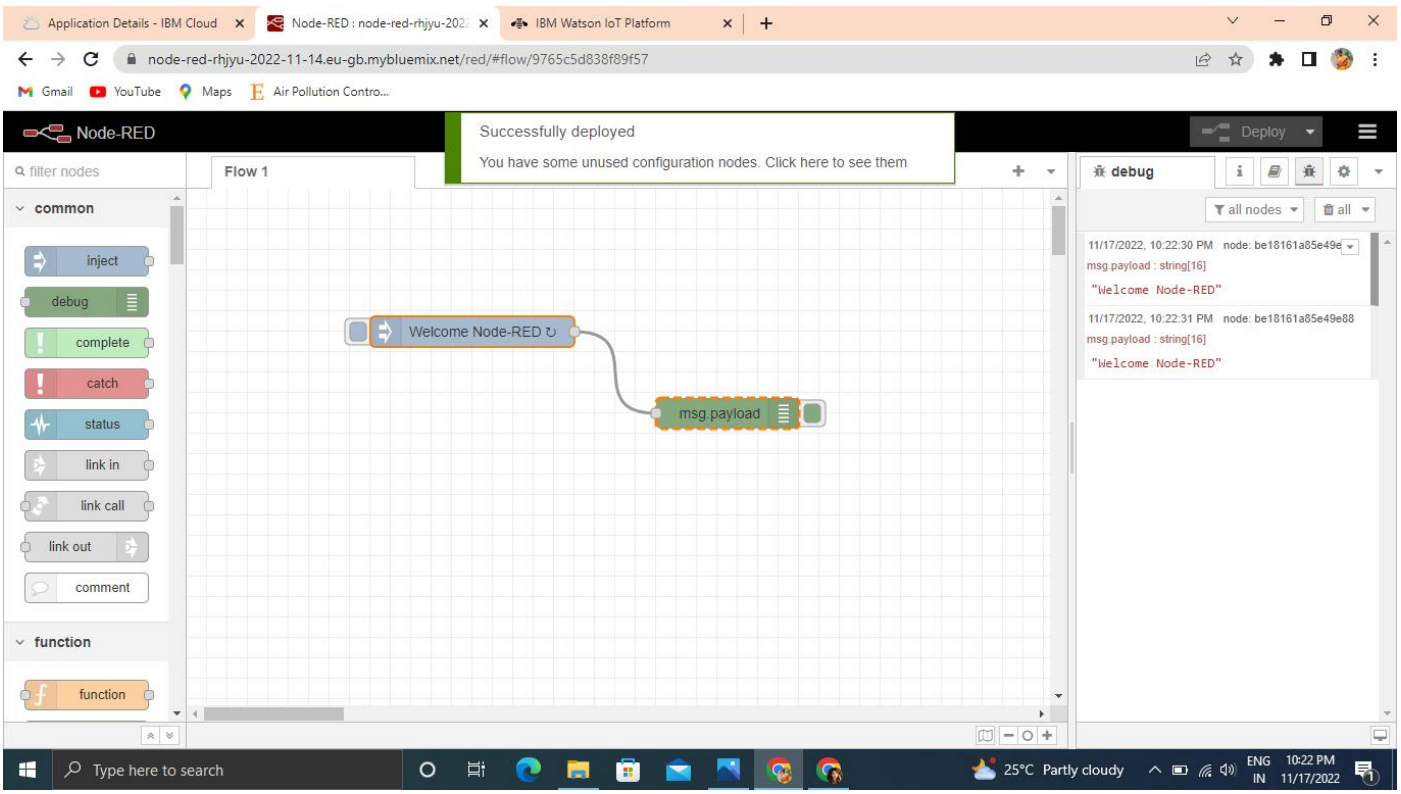

Application Details - IBM Cloud
Node-RED on IBM Cloud
IBM Watson IoT Platform
node-red-rhjyu-2022-11-14.eu-gb.mybluemix.net
Gmail
YouTube
Maps
Air Pollution Contro...
Node-RED on IBM Cloud
Node-RED
Flow-based programming for the Internet of Things
Node-RED is a programming tool for wiring together hardware devices, APIs and online services in new and interesting ways.
This instance is running as an IBM Cloud application, giving it access to the wide range of services available on the platform.
More information about Node-RED, including documentation, can be found at nodered.org.
Go to your Node-RED flow editor
Learn how to customise Node-RED
Type here to search
26°C Partly cloudy
ENG IN
10:20 PM 11/17/2022

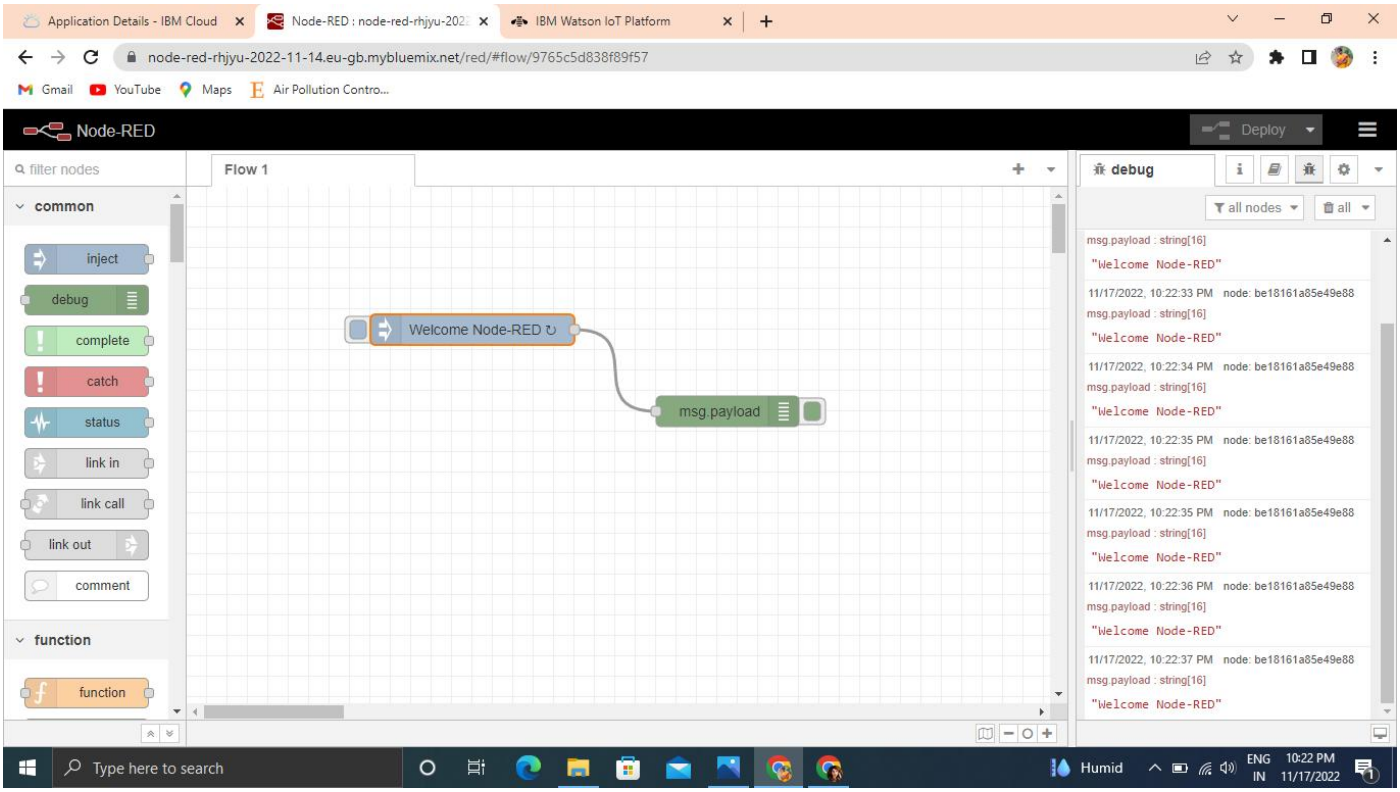

Application Details - IBM Cloud
Node-RED : node-red-rhjyu-202
IBM Watson IoT Platform
node-red-rhjyu-2022-11-14.eu-gb.mybluemix.net/red/
Gmail
YouTube
Maps
Air Pollution Contro...
Node-RED
Loading Palette
Type here to search
26°C Partly cloudy
ENG IN
10:21 PM 11/17/2022


Application Details - IBM Cloud
Node-RED : node-red-rhjyu-202
IBM Watson IoT Platform
node-red-rhjyu-2022-11-14.eu-gb.mybluemix.net/red/#flow/9765c5d838f89f57
Gmail
YouTube
Maps
Air Pollution Contro...
Node-RED
Deploy
filter nodes
Flow 1
common
inject
debug
complete
catch
status
link in
link call
link out
comment
function
function
info
Search flows
Flows
Flow 1
Subflows
Global Configuration Nodes
Flow 1
Flow
"9765c5d838f89f57"
You can confirm your changes in the node edit tray with ctrl-enter or cancel them with ctrl-escape
https://node-red-rhjyu-2022-11-14.eu-gb.mybluemix.net/red/#info
Type here to search
26°C Partly cloudy
ENG IN
10:21 PM 11/17/2022


Application Details - IBM Cloud
Node-RED : node-red-rhjyu-202
IBM Watson IoT Platform
node-red-rhjyu-2022-11-14.eu-gb.mybluemix.net/red/#flow/9765c5d838f89f57
Gmail
YouTube
Maps
Air Pollution Contro...
Node-RED
Deploy
filter nodes
Flow 1
common
inject
debug
complete
catch
status
link in
link call
link out
comment
function
function
timestamp
Edit inject node
Delete
Cancel
Done
Properties
Name
Name
msg. payload
Welcome Node-RED
msg. topic
+ add
inject now
none
interval
interval between times
at a specific time
ds, then
Repeat
none
Enabled
info
Search flows
Flows
Flow 1
Subflows
Global Configuration Nodes
timestamp
Node
"3db870faf219fd87"
Type
inject
show more
Pressing enter will edit the first node in the current selection
Type here to search
25°C Partly cloudy
ENG IN
10:22 PM 11/17/2022


Application Details - IBM Cloud
Node-RED : node-red-rhjyu-202
IBM Watson IoT Platform
node-red-rhjyu-2022-11-14.eu-gb.mybluemix.net/red/#flow/9765c5d838f89f57
Gmail
YouTube
Maps
Air Pollution Contro...
Node-RED
Deploy
filter nodes
Flow 1
common
inject
debug
complete
catch
status
link in
link call
link out
comment
function
function
Welcome Node-RED
msg.payload
info
Search flows
Flows
Flow 1
Subflows
Global Configuration Nodes
Welcome Node-RED
Node
"3db870faf219fd87"
Type
inject
show more
Your flow configuration nodes are listed in the sidebar panel. It can be accessed from the menu or with
ctrl-g
c
Type here to search
25°C Partly cloudy
ENG
IN
10:22 PM
11/17/2022


Application Details - IBM Cloud
Node-RED : node-red-rhjyu-202
IBM Watson IoT Platform
node-red-rhjyu-2022-11-14.eu-gb.mybluemix.net/red/#flow/9765c5d838f89f57
Gmail
YouTube
Maps
Air Pollution Contro...
Node-RED
Successfully deployed
You have some unused configuration nodes. Click here to see them
Deploy
filter nodes
Flow 1
common
inject
debug
complete
catch
status
link in
link call
link out
comment
function
function
Welcome Node-RED
msg.payload
debug
all nodes
all
11/17/2022, 10:22:30 PM node: be18161a85e49e
msg.payload : string[16]
"Welcome Node-RED"
11/17/2022, 10:22:31 PM node: be18161a85e49e88
msg.payload : string[16]
"Welcome Node-RED"
Type here to search
25°C Partly cloudy
ENG
IN
10:22 PM
11/17/2022



RESULT

Successfully Created a Node RED Service on IBM Cloud