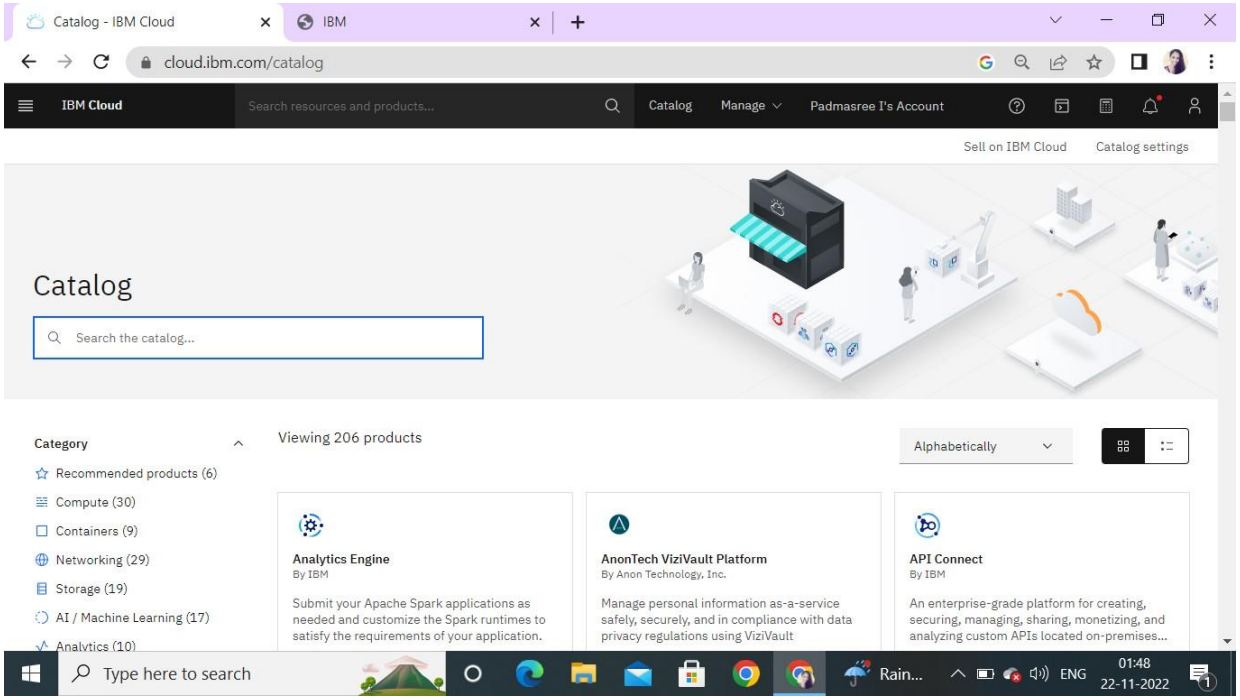
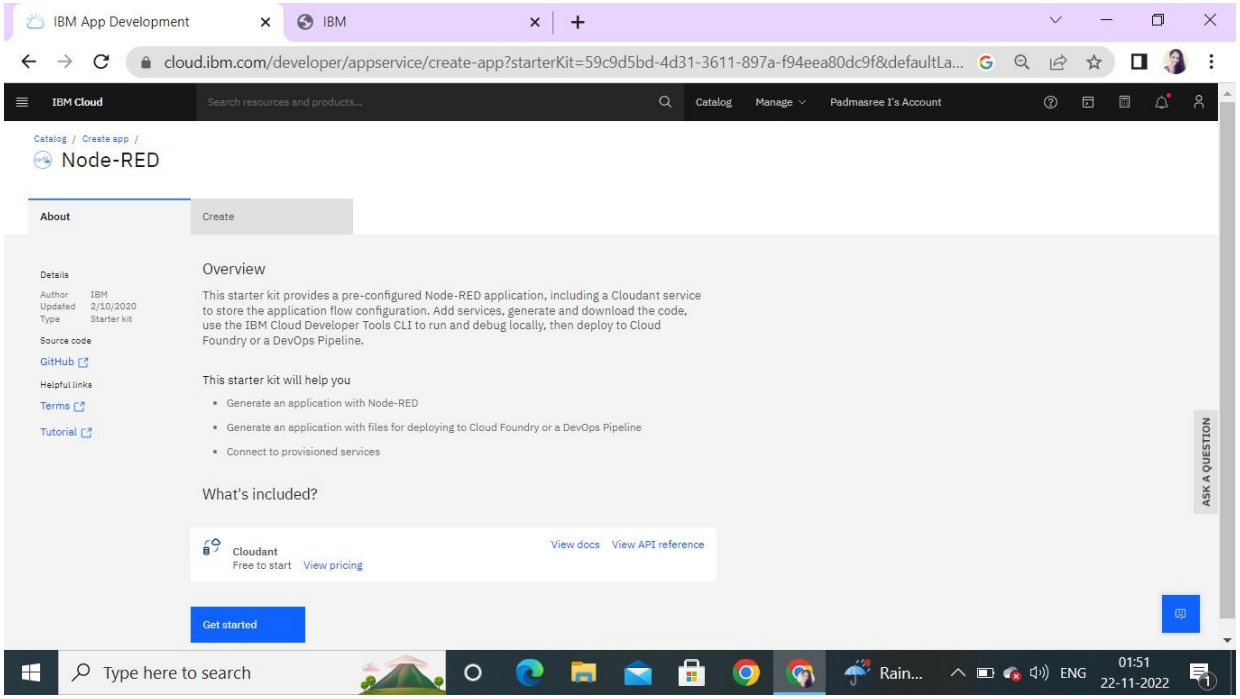
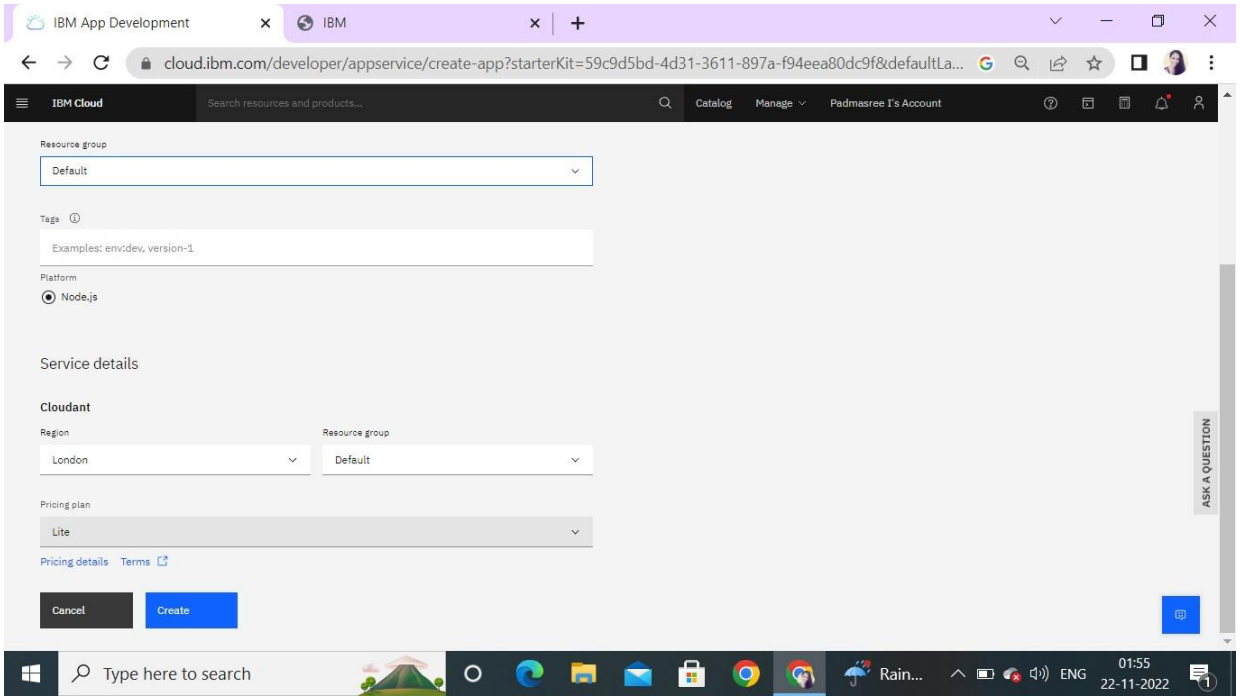
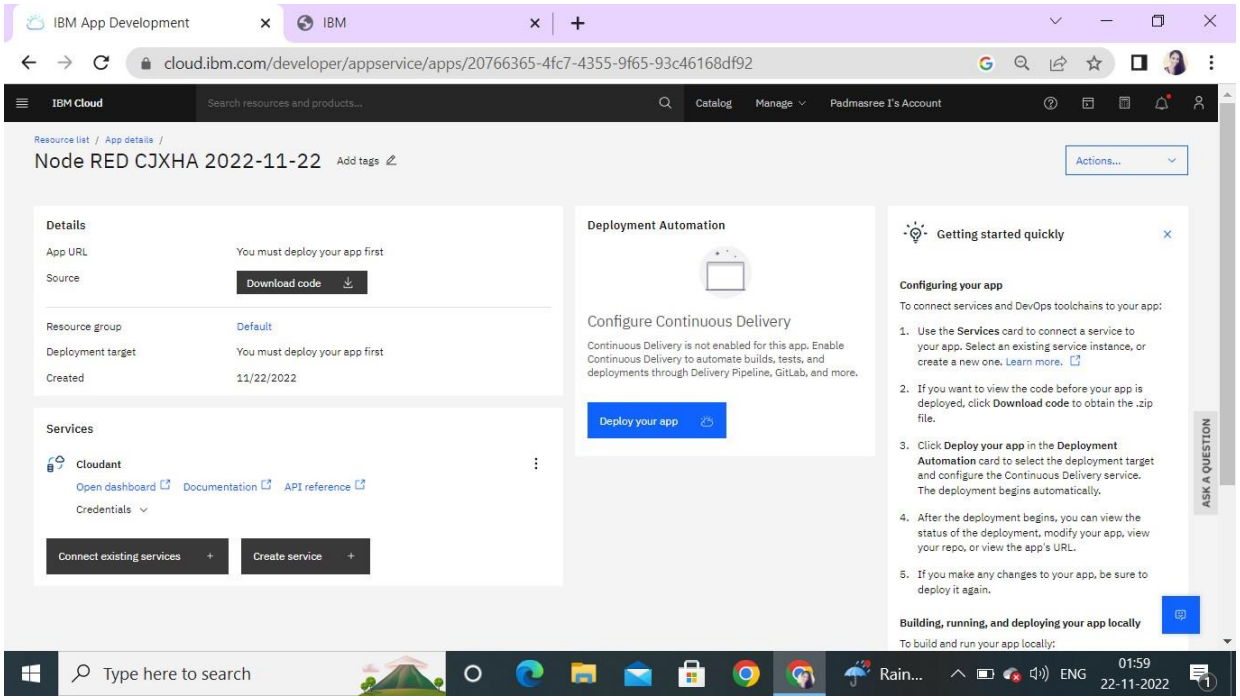
NODERED

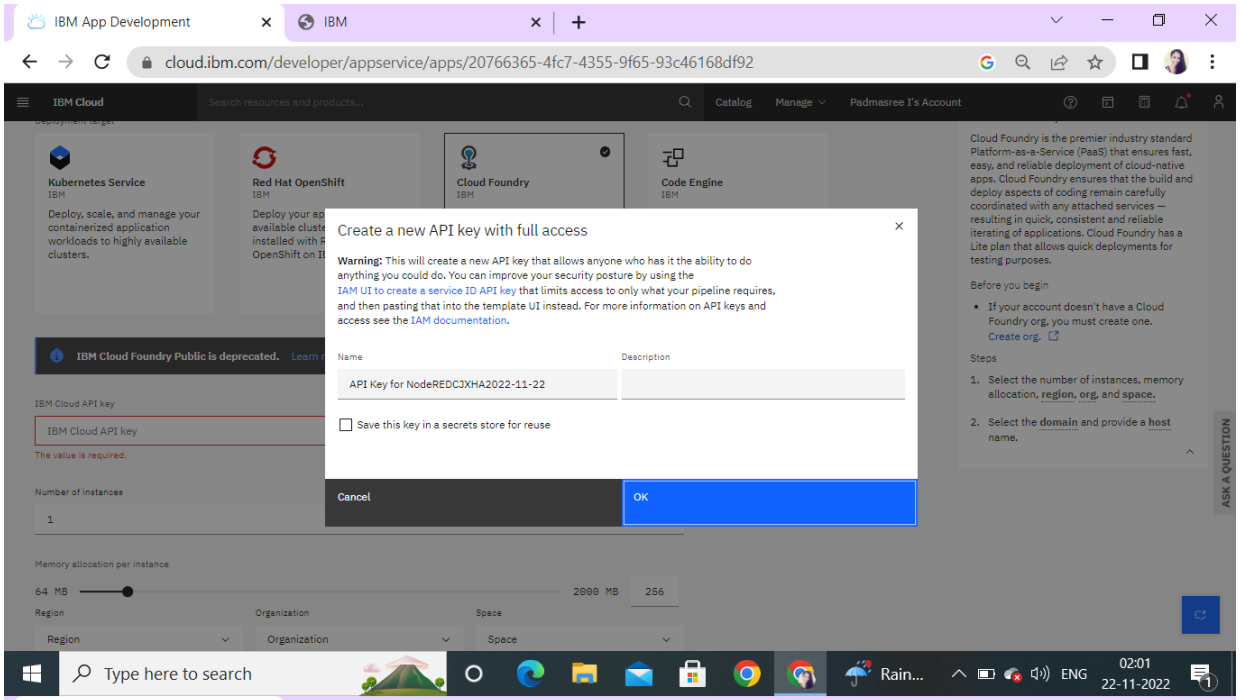
Assignment Date	23rd NOVEMBER 2022
Team ID	PNT2022TMID29330
Project Name	Gas Leakage Monitoring and Alerting System

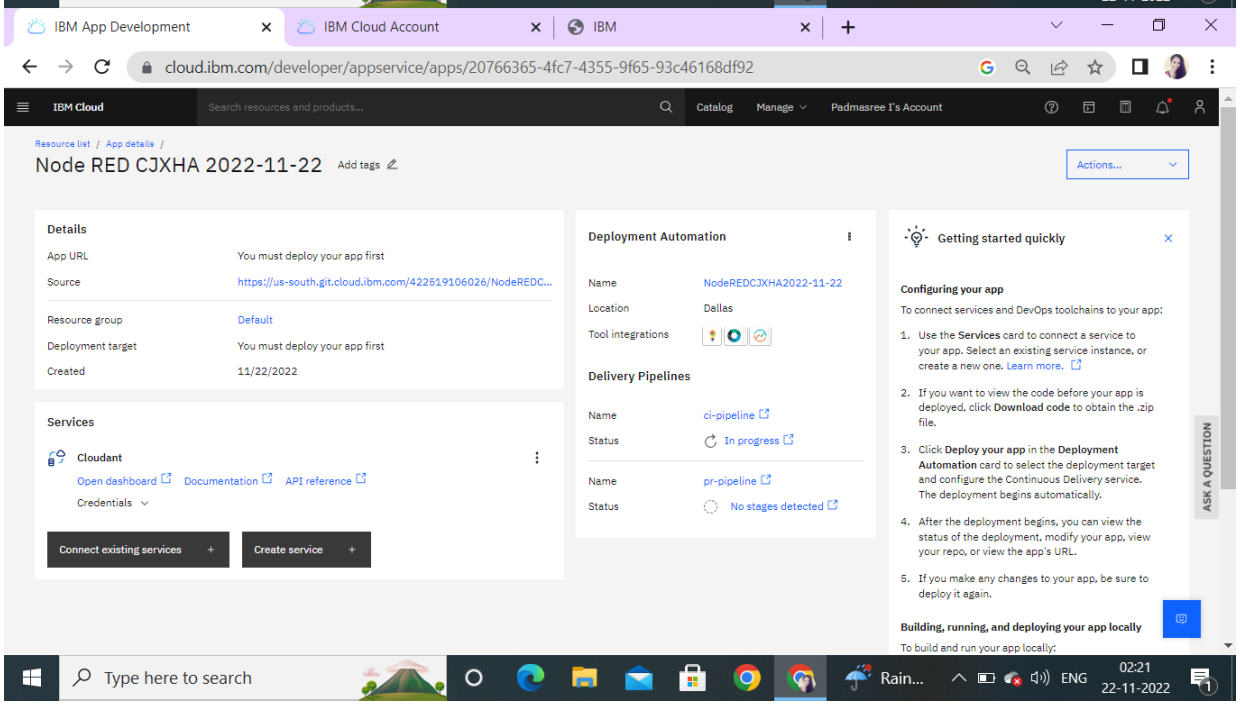





IBM App Development
IBM
cloud.ibm.com/developer/appservice/create-app?starterKit=59c9d5bd-4d31-3611-897a-f94eea80dc9f&defaultLa...
IBM Cloud
Search resources and products...
Catalog
Manage
Padmasree I's Account
Resource group
Default
Tags
Examples: env:dev, version-1
Platform
Node.js
Service details
Cloudant
Region
London
Resource group
Default
Pricing plan
Lite
Pricing details
Terms
Cancel
Create
ASK A QUESTION
Type here to search
Rain...
ENG
01:55
22-11-2022


IBM App Development
IBM
cloud.ibm.com/developer/appservice/apps/20766365-4fc7-4355-9f65-93c46168df92
IBM Cloud
Search resources and products...
Catalog
Manage
Padmasree I's Account
Resource list / App details /
Node RED CJXHA 2022-11-22
Add tags
Actions...
Details
App URL
You must deploy your app first
Source
Download code
Resource group
Default
Deployment target
You must deploy your app first
Created
11/22/2022
Services
Cloudant
Open dashboard
Documentation
API reference
Credentials
Connect existing services
Create service
Deployment Automation
Configure Continuous Delivery
Continuous Delivery is not enabled for this app. Enable Continuous Delivery to automate builds, tests, and deployments through Delivery Pipeline, GitLab, and more.
Deploy your app
Getting started quickly
Configuring your app
To connect services and DevOps toolchains to your app:
1. Use the Services card to connect a service to your app. Select an existing service instance, or create a new one. Learn more.
2. If you want to view the code before your app is deployed, click Download code to obtain the .zip file.
3. Click Deploy your app in the Deployment Automation card to select the deployment target and configure the Continuous Delivery service. The deployment begins automatically.
4. After the deployment begins, you can view the status of the deployment, modify your app, view your repo, or view the app's URL.
5. If you make any changes to your app, be sure to deploy it again.
Building, running, and deploying your app locally
To build and run your app locally:
ASK A QUESTION
Type here to search
Rain...
ENG
01:59
22-11-2022


IBM App Development
IBM
cloud.ibm.com/developer/appservice/apps/20766365-4fc7-4355-9f65-93c46168df92
IBM Cloud
Search resources and products...
Catalog
Manage
Padmasree I's Account
Kubernetes Service
IBM
Deploy, scale, and manage your containerized application workloads to highly available clusters.
Red Hat OpenShift
IBM
Cloud Foundry
IBM
Code Engine
IBM
Cloud Foundry is the premier industry standard Platform-as-a-Service (PaaS) that ensures fast, easy, and reliable deployment of cloud-native apps. Cloud Foundry ensures that the build and deploy aspects of coding remain carefully coordinated with any attached services — resulting in quick, consistent and reliable iterating of applications. Cloud Foundry has a Lite plan that allows quick deployments for testing purposes.
Before you begin
If your account doesn't have a Cloud Foundry org, you must create one.
Create org.
Steps
1. Select the number of instances, memory allocation, region, org, and space.
2. Select the domain and provide a host name.
Create a new API key with full access
Warning: This will create a new API key that allows anyone who has it the ability to do anything you could do. You can improve your security posture by using the IAM UI to create a service ID API key that limits access to only what your pipeline requires, and then pasting that into the template UI instead. For more information on API keys and access see the IAM documentation.
Name
Description
API Key for NodeREDCJXHA2022-11-22
Save this key in a secrets store for reuse
Cancel
OK
IBM Cloud Foundry Public is deprecated.
IBM Cloud API key
The value is required.
Number of instances
1
Memory allocation per instance
64 MB
2000 MB
256
Region
Organization
Space
ASK A QUESTION
Type here to search
Rain...
ENG
02:01
22-11-2022


IBM App Development
IBM Cloud Account
IBM
cloud.ibm.com/developer/appservice/apps/20766365-4fc7-4355-9f65-93c46168df92
IBM Cloud
Search resources and products...
Catalog
Manage
Padmasree I's Account
Resource list / App details /
Node RED CJXHA 2022-11-22
Add tags
Actions...
Details
App URL
You must deploy your app first
Source
https://us-south.git.cloud.ibm.com/422519106026/NodeREDC...
Resource group
Default
Deployment target
You must deploy your app first
Created
11/22/2022
Services
Cloudant
Open dashboard
Documentation
API reference
Credentials
Connect existing services
Create service
Deployment Automation
Name
NodeREDCJXHA2022-11-22
Location
Dallas
Tool integrations
Delivery Pipelines
Name
ci-pipeline
Status
In progress
Name
pr-pipeline
Status
No stages detected
Getting started quickly
Configuring your app
To connect services and DevOps toolchains to your app:
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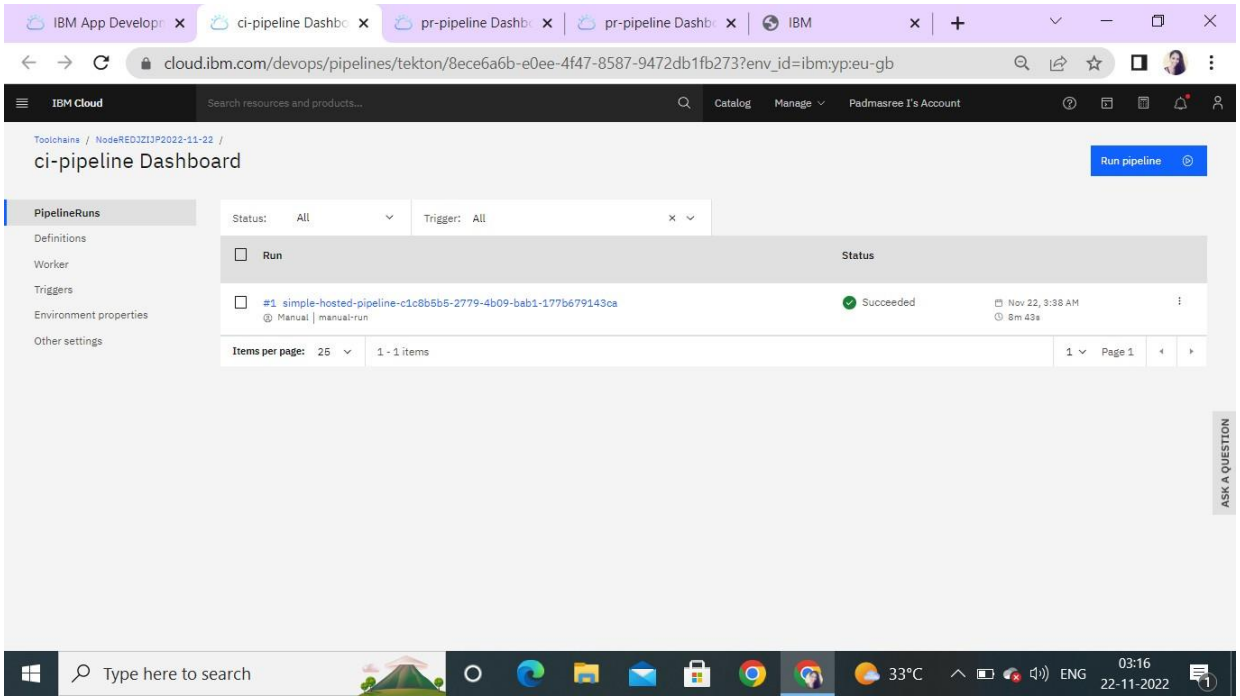
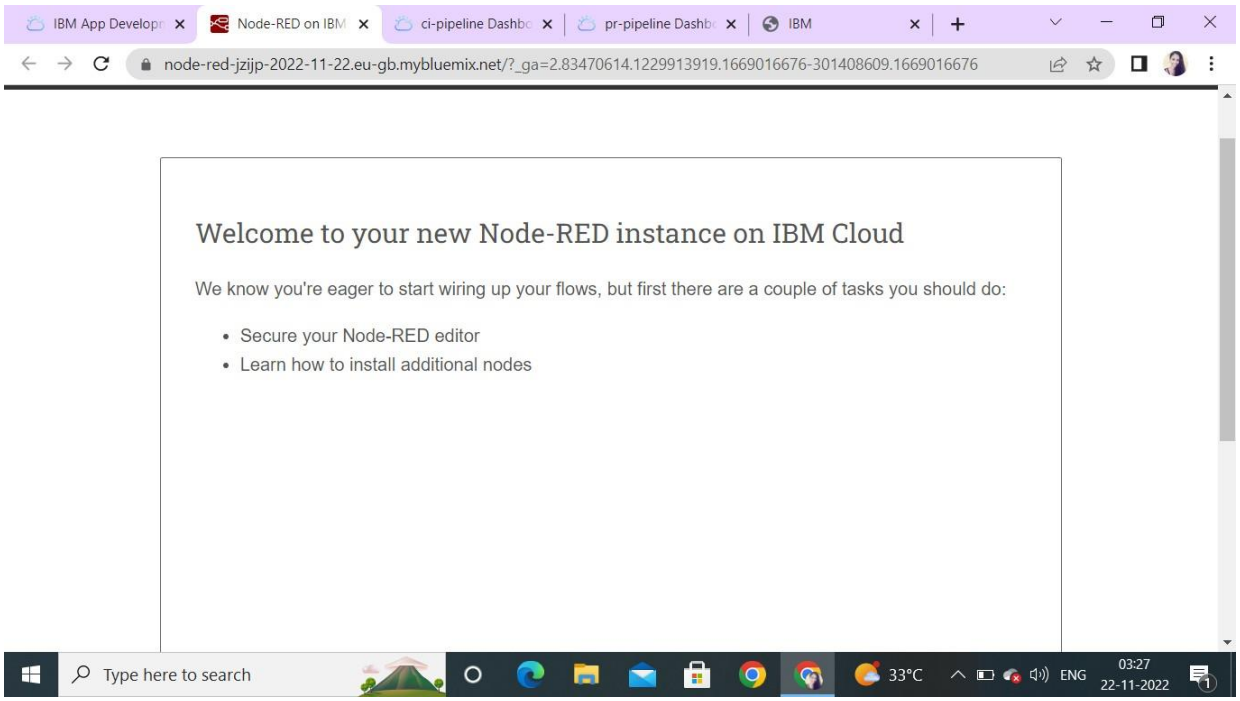
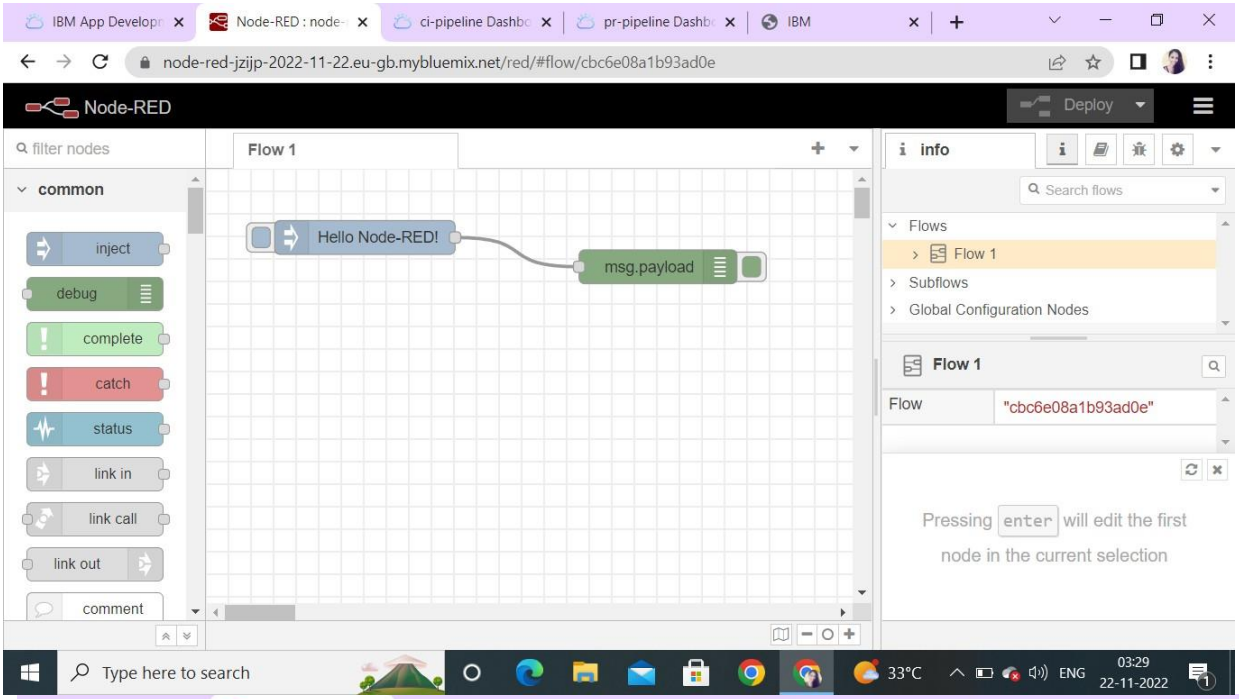
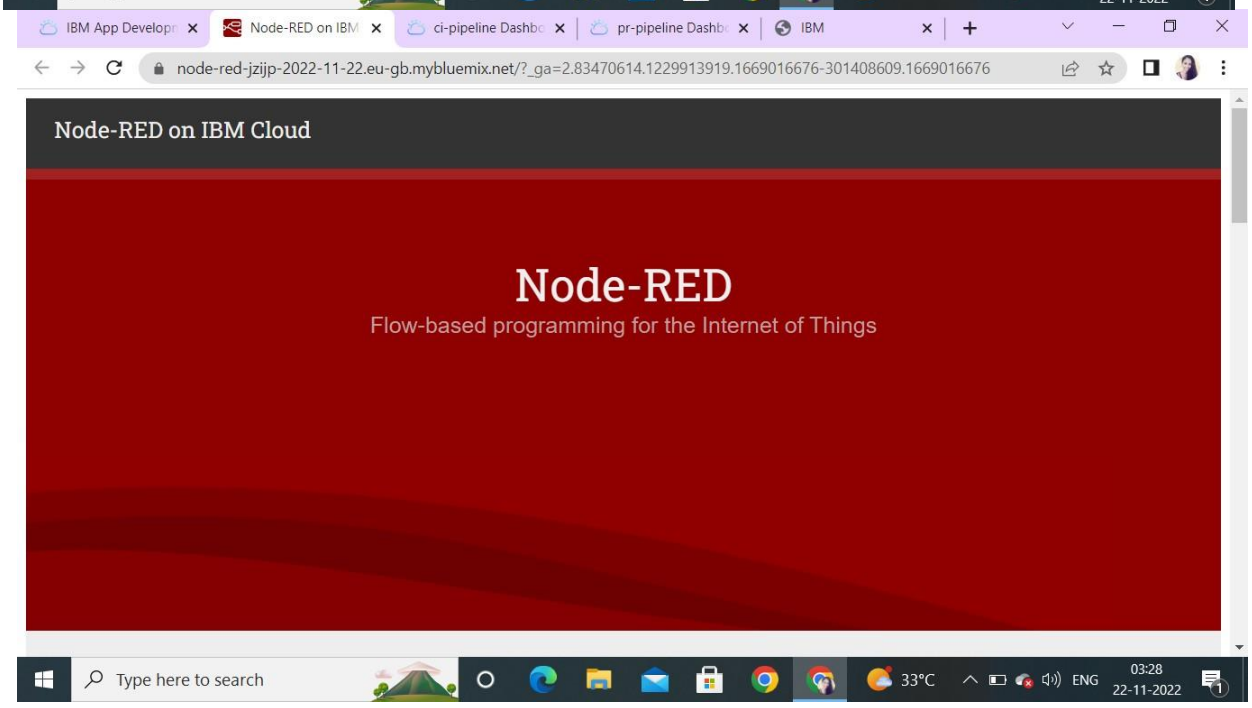
5. If you make any changes to your app, be sure to deploy it again.
Building, running, and deploying your app locally
To build and run your app locally:
ASK A QUESTION
Type here to search
Rain...
ENG
02:21
22-11-2022


IBM App Developr
ci-pipeline Dashbc
pr-pipeline Dashbc
pr-pipeline Dashbc
IBM
cloud.ibm.com/devops/pipelines/tekton/8ece6a6b-e0ee-4f47-8587-9472db1fb273?env_id=ibm:yp:eu-gb
IBM Cloud
Search resources and products...
Catalog
Manage
Padmasree I's Account
Toolchains / NodeREDJZIJP2022-11-22 /
ci-pipeline Dashboard
Run pipeline
PipelineRuns
Definitions
Worker
Triggers
Environment properties
Other settings
Status: All
Trigger: All
Run
Status
#1 simple-hosted-pipeline-c1c8b5b5-2779-4b09-bab1-177b679143ca
Manual | manual-run
Succeeded
Nov 22, 3:38 AM
8m 43s
Items per page: 25
1 - 1 items
1
Page 1
ASK A QUESTION
Type here to search
33°C
ENG
03:16
22-11-2022


IBM App Developr
Node-RED on IBM
ci-pipeline Dashbc
pr-pipeline Dashbc
IBM
node-red-jzijp-2022-11-22.eu-gb.mybluemix.net/?_ga=2.83470614.1229913919.1669016676-301408609.1669016676
Welcome to your new Node-RED instance on IBM Cloud
We know you're eager to start wiring up your flows, but first there are a couple of tasks you should do:
Secure your Node-RED editor
Learn how to install additional nodes
Type here to search
33°C
ENG
03:27
22-11-2022


IBM App Develop
Node-RED : node-
ci-pipeline Dashbc
pr-pipeline Dashbc
IBM
node-red-jzijp-2022-11-22.eu-gb.mybluemix.net/red/#flow/cbc6e08a1b93ad0e
Node-RED
Deploy
filter nodes
common
inject
debug
complete
catch
status
link in
link call
link out
comment
Flow 1
Hello Node-RED!
msg.payload
info
Search flows
Flows
Flow 1
Subflows
Global Configuration Nodes
Flow 1
Flow
"cbc6e08a1b93ad0e"
Pressing enter will edit the first node in the current selection
Type here to search
33°C
ENG
03:29
22-11-2022


IBM App Develop
Node-RED on IBM
ci-pipeline Dashbc
pr-pipeline Dashbc
IBM
node-red-jzijp-2022-11-22.eu-gb.mybluemix.net/?_ga=2.83470614.1229913919.1669016676-301408609.1669016676
Node-RED on IBM Cloud
Node-RED
Flow-based programming for the Internet of Things
Type here to search
33°C
ENG
03:28
22-11-2022