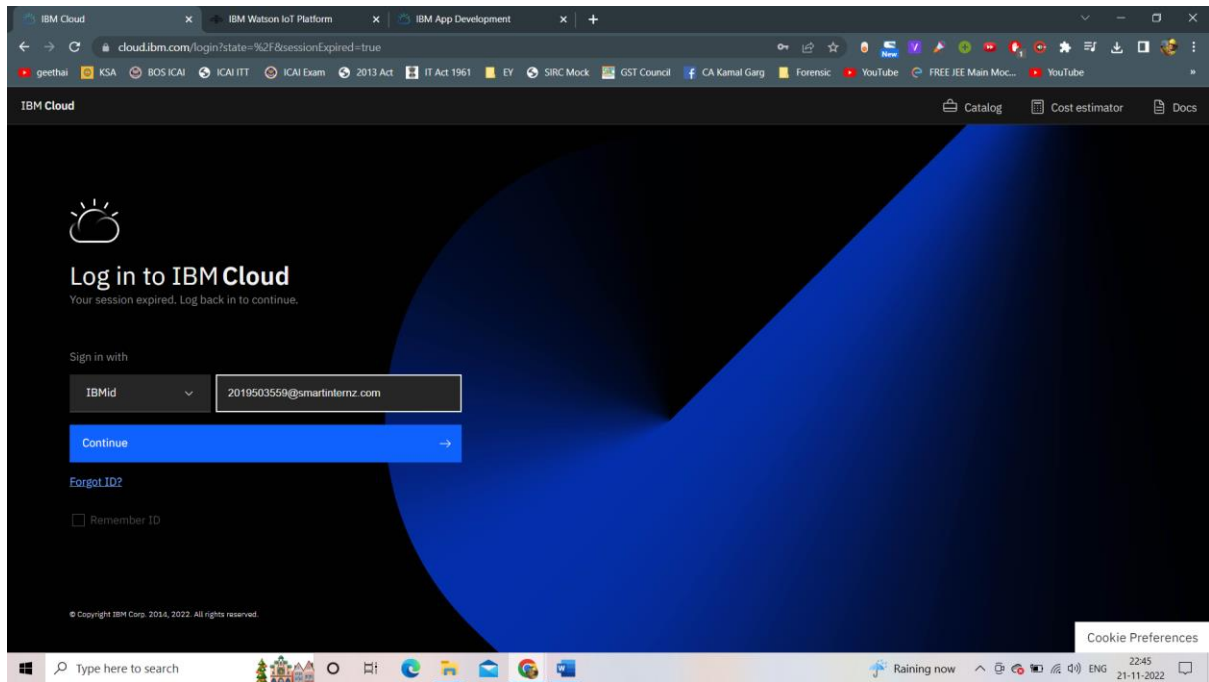


Node Red Service

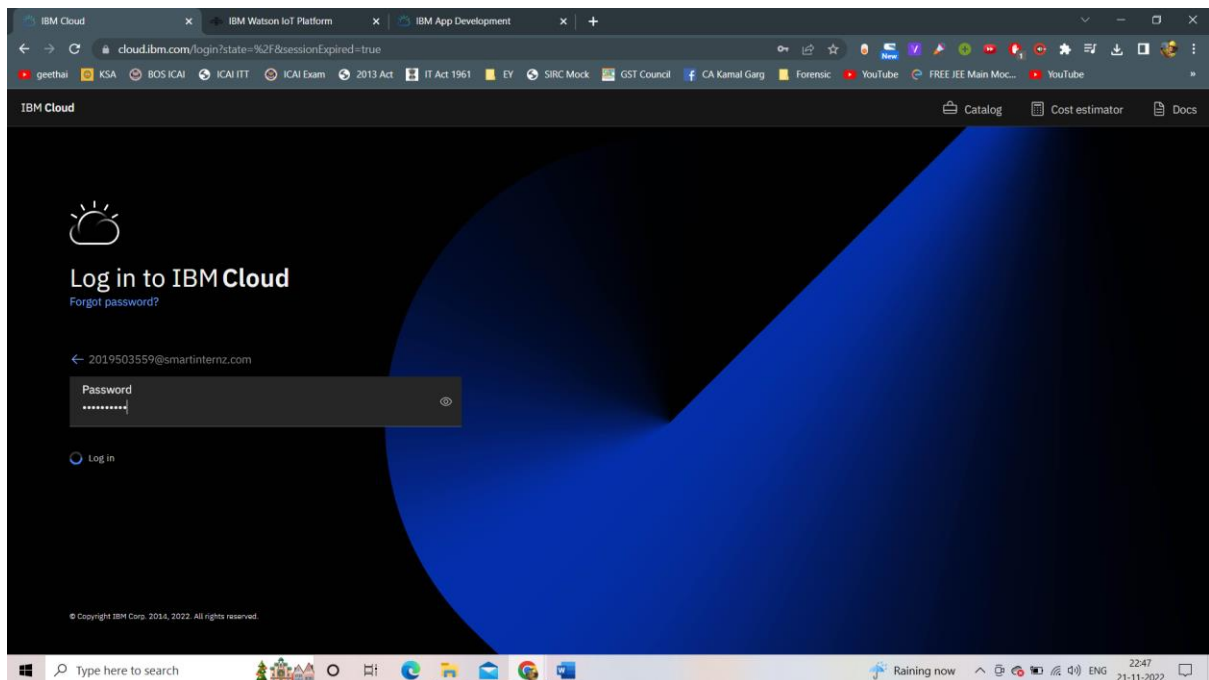
Team ID	PNT2022TMID35659
Project Name	SmartFarmer - IoT Enabled Smart Farming Application

The following are the screenshot of configuring Node Red Service :

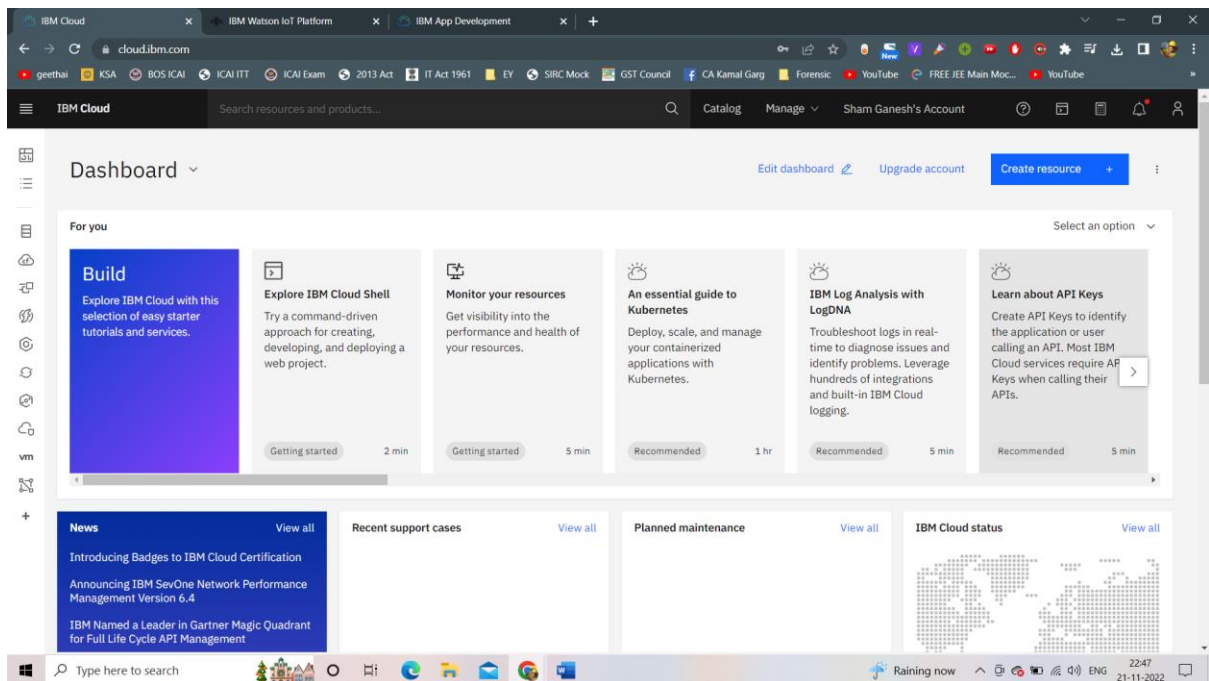
Step 1:



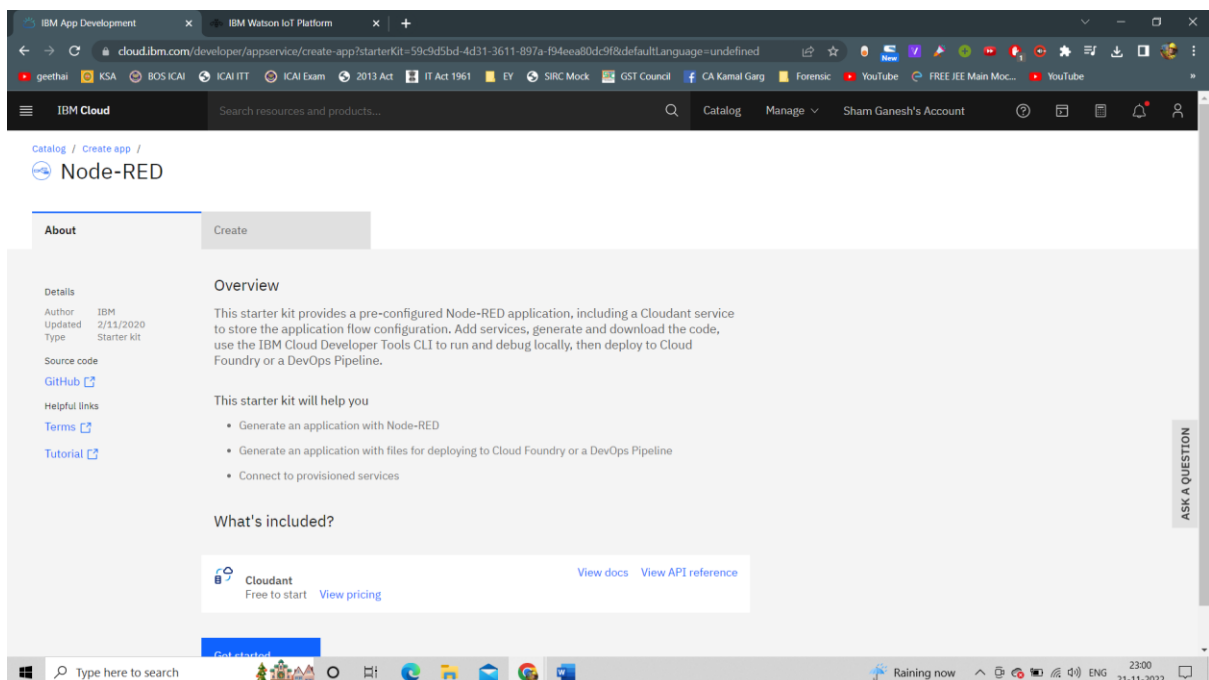
Step2:



Step3:



Step4:



Step5:

The screenshot shows the IBM Cloud Developer console with the 'Create app' form for Node.js. The form includes fields for 'Default' (selected), 'Tags' (Examples: env,dev, version-1), 'Platform' (Node.js selected), 'Service details', 'Cloudant' (Region: London, Resource group: Default), and 'Pricing plan' (Lite). There are 'Cancel' and 'Create' buttons at the bottom. The browser address bar shows the URL: cloud.ibm.com/developer/appservice/create-app?starterKit=59c9d5bd-4d31-3611-897a-f94eea80dc9f&defaultLanguage=undefined. The taskbar at the bottom shows the Windows search bar and various application icons.

Step6:

The screenshot shows the IBM Cloud Developer console with the 'Node RED BHHWH 2022-11-21' app details. The 'Details' section shows the App URL, Source (Download code), Resource group (Default), Deployment target, and Created date (11/21/2022). The 'Services' section shows the Cloudant service with links to Open dashboard, Documentation, and API reference. The 'Deployment Automation' section shows a 'Deploy your app' button. The 'Getting started quickly' section provides instructions for configuring the app. The browser address bar shows the URL: cloud.ibm.com/developer/appservice/apps/96fe12d-eb63-4212-8d18-ec42bd16372b. The taskbar at the bottom shows the Windows search bar and various application icons.

Step7:

The screenshot shows the IBM Cloud Developer console for an application named "Node RED BHWHH 2022-11-21". The interface includes a sidebar with "Details" and "Services" sections, a main content area with "Deployment Automation" and "Getting started quickly" cards, and a top navigation bar with "Resource list" and "App details" tabs.

Details

- App URL: You must deploy your app first
- Source: [Download code](#)
- Resource group: [Default](#)
- Deployment target: You must deploy your app first
- Created: 11/21/2022

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.

[Generating code...](#)

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.

Step8:

The screenshot shows the Node-RED welcome screen on IBM Cloud. The page has a white background with a grey border. It includes a title, a welcome message, a list of tasks, and navigation buttons.

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

[Previous](#) [Next](#)

Step9:

The screenshot displays the Node-RED web interface in a browser. The address bar shows the URL: `node-red-bhwhh-2022-11-21-eu-gb.mybluemix.net/red/#flow/3c281ae05e89a849`. The interface includes a left sidebar with a 'filter nodes' search bar and two categories of nodes: 'common' (inject, debug, complete, catch, status, link in, link call, link out, comment) and 'function' (function, switch, change, range). The main workspace, titled 'Flow 1', contains a flow with two nodes: a blue 'inject' node with the text 'Hello Node-RED!' and a green 'msg.payload' node. A line connects the output of the inject node to the input of the msg.payload node. On the right, the 'info' sidebar shows a tree view with 'Flows' > 'Flow 1' selected, displaying the flow ID '*3c281ae05e89a849'. Below this, a note indicates that pressing 'ctrl+space' will toggle the view of this sidebar. The bottom of the image shows a Windows taskbar with the search bar, application icons, and system tray information including 'Raining now' and the date '21-11-2022'.