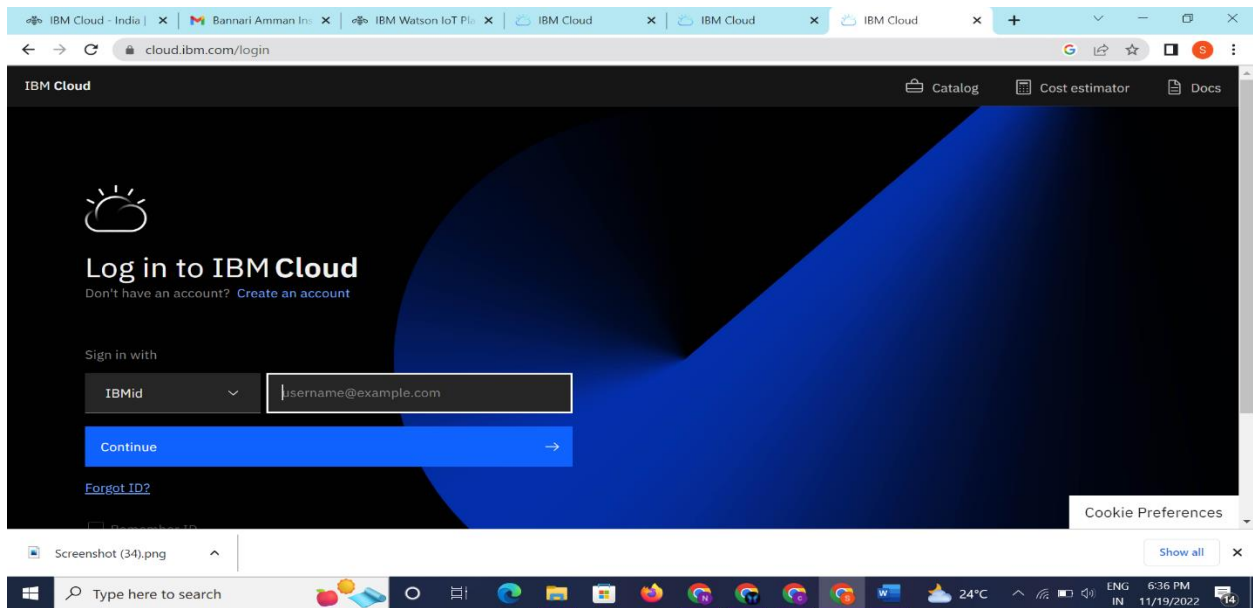
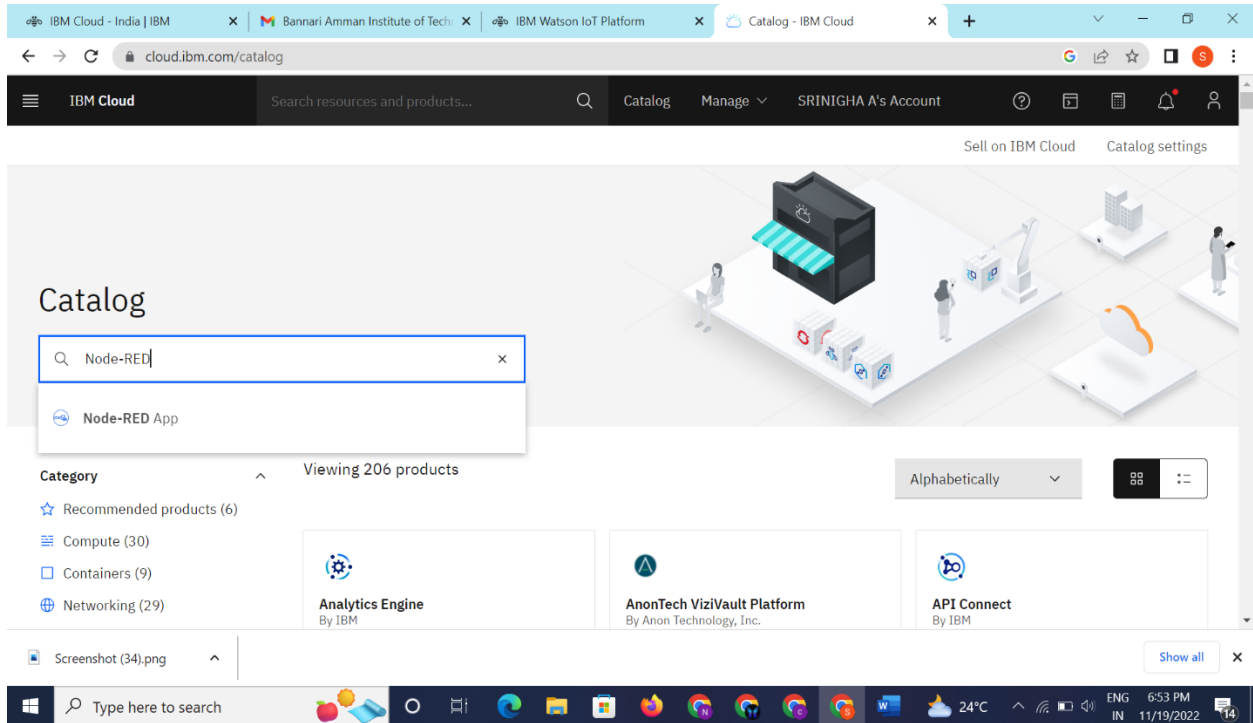


Steps:

1)Login to IBM Cloud with smart internz mail ID and Password.



2)Go to catalog and search for Node-RED app in search bar



3) Open Node-RED app and click get started

The screenshot shows the IBM Cloud Developer console interface. The browser tabs include 'IBM Cloud - India | IBM', 'IBM - Chat', 'IBM Watson IoT Platform', and 'IBM App Development'. The URL bar shows a path to a starter kit. The main content area is titled 'Overview' and describes the Node-RED application starter kit, which includes a pre-configured Node-RED application and a Cloudant service for storing configuration. It lists steps to generate an application and deploy it. A 'Get started' button is prominently displayed at the bottom of the overview section. The sidebar on the left contains links for 'About', 'Details', 'Source code', and 'Helpful links'. The bottom of the screen shows the Windows taskbar with various application icons and system information like temperature and time.

4) In next page click create

The screenshot shows the 'Create' page for the Node-RED application in the IBM Cloud Developer console. The breadcrumb navigation shows 'Catalog / Create app / Node-RED'. The 'Create' button in the top navigation bar is highlighted with a red rectangle. The 'App details' section contains a form with the following fields: 'App name' (pre-filled with 'Node RED ZKPRD 2022-11-19'), 'Resource group' (set to 'Default'), and 'Tags' (with a hint 'Examples: env:dev, version:1'). A blue 'ASK A QUESTION' button is visible on the right side of the page. The bottom of the screen shows the Windows taskbar with various application icons and system information like temperature and time.

5) Click deploy your app and it come to this page and select cloud foundry.

The screenshot shows the IBM Cloud Developer console for an application named 'Node RED RHRZE 2022-11-19'. The interface includes a top navigation bar with 'IBM Cloud', a search bar, and a user profile. The main content area is divided into three columns: 'Details', 'Services', and 'Deployment Automation'. The 'Details' column shows the app's URL, source code, resource group, deployment target, and creation date. The 'Services' column lists the 'Cloudant' service and provides options to connect existing services or create new ones. The 'Deployment Automation' column features a 'Configure Continuous Delivery' section with a 'Deploy your app' button. A 'Getting started quickly' sidebar on the right provides a step-by-step guide for configuring the app. The bottom of the screen shows a Windows taskbar with various application icons and system information.

6) Setting up the environment and deploying the app.

The screenshot shows the IBM Cloud Foundry Public console for setting up the environment. The interface includes a top navigation bar with 'IBM Cloud', a search bar, and a user profile. The main content area is divided into two columns: 'Environment Setup' and 'Steps'. The 'Environment Setup' column contains fields for 'IBM Cloud API key', 'Number of instances' (set to 1), 'Memory allocation per instance' (set to 64 MB), 'Region' (set to Sydney), 'Organization' (set to Testello), 'Space' (set to HelloTest), 'Host' (set to node-red-rhrze-2022-11-19), and 'Domain' (set to au-syd.mybluemix.net). The 'Steps' column provides a list of instructions for setting up the environment. The bottom of the screen shows a Windows taskbar with various application icons and system information.

7)Successfully created the app.

The screenshot shows the IBM Cloud Developer console for an application named 'NodeREDRHRZE2022-11-19'. The interface is divided into several sections:

- Details:** Displays the App URL, Source (with a 'Download code' button), Resource group (Default), Deployment target, and Created date (11/19/2022).
- Services:** Shows the 'Cloudant' service with links to 'Open dashboard', 'Documentation', and 'API reference'. It also includes 'Connect existing services' and 'Create service' buttons.
- Deployment Automation:** Lists the deployment configuration with Name 'NodeREDRHRZE2022-11-19', Location 'Dallas', and Tool integrations. It shows two delivery pipelines: 'pr-pipeline' and 'ci-pipeline', both with a status of 'No stages detected'.
- Getting started quickly:** A sidebar with instructions for configuring the app, including connecting services, downloading code, and deploying the app.

The bottom of the screenshot shows a Windows taskbar with various application icons and system information like temperature (24°C) and time (7:10 PM).

The screenshot displays the Node-RED web interface in a browser. The main workspace shows a flow named 'Flow 1' with two nodes: a 'Hello Node-RED!' message node and a 'msg.payload' output node. The left sidebar contains a 'filter nodes' search bar and a list of common nodes (inject, debug, complete, catch, status, link in, link call, link out, comment) and function nodes. The right sidebar shows the 'info' panel with a search bar and a list of flows, including 'Flow 1'.

The bottom of the screenshot shows a Windows taskbar with various application icons and system information like temperature (24°C) and time (7:21 PM).