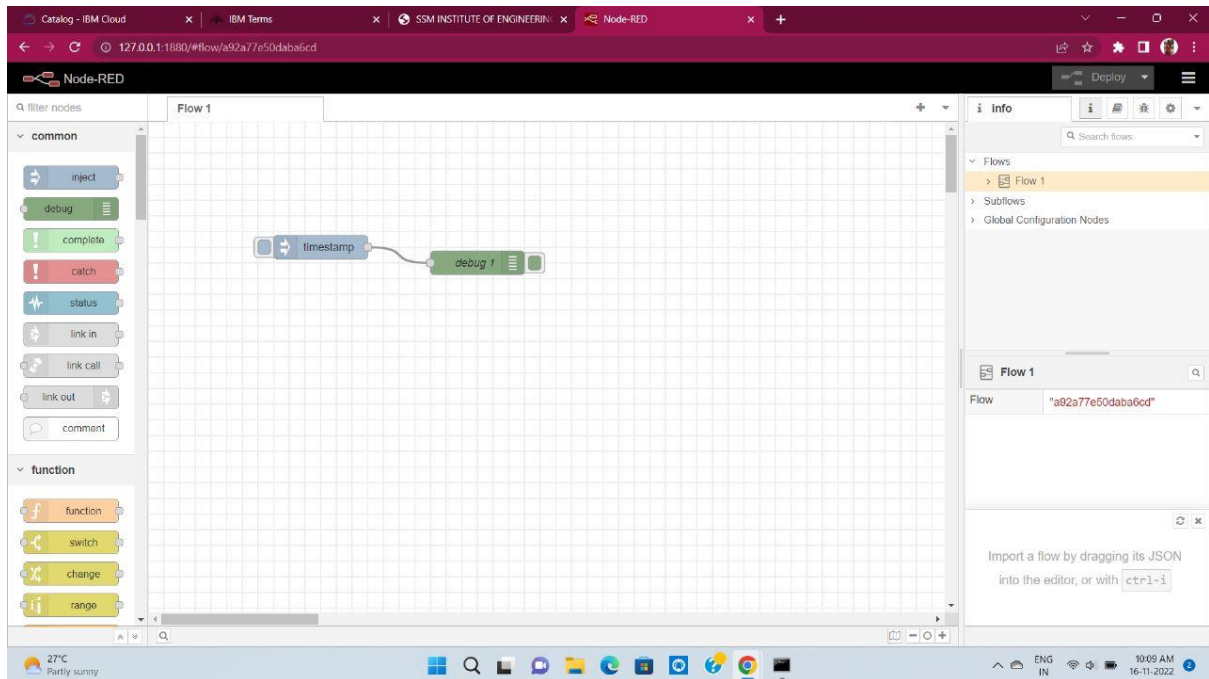


Create Node- Red Service

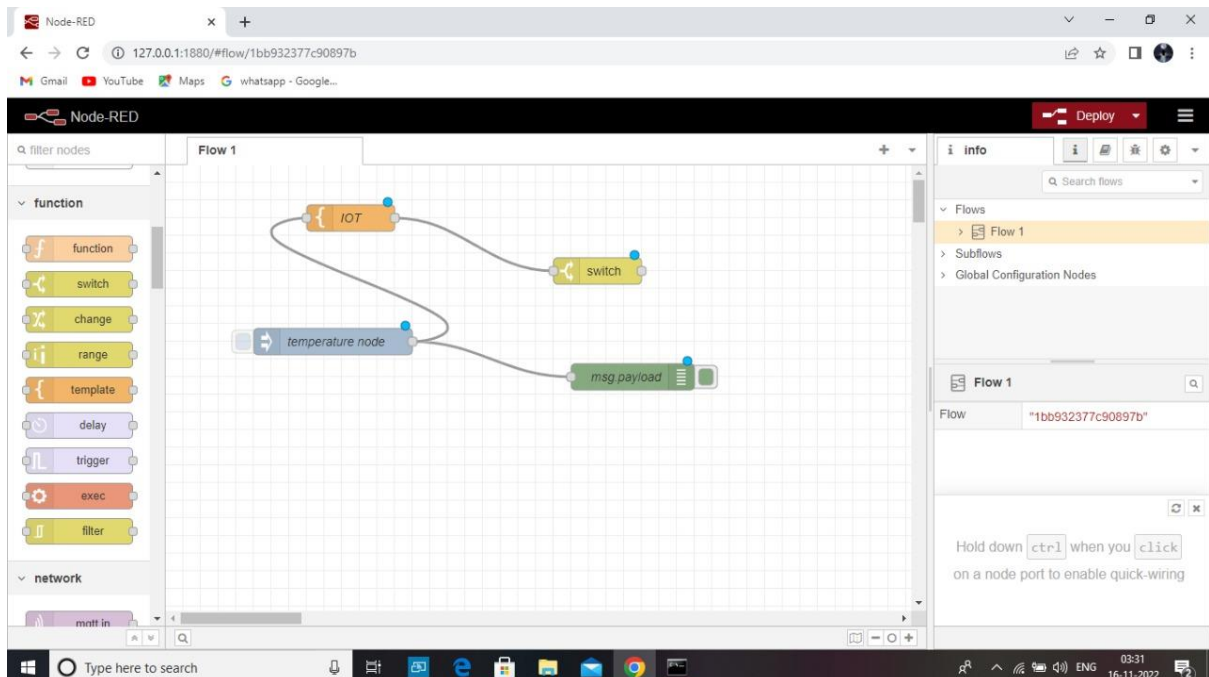
Team id	PNT2022TMID33244
Project Name	Smart Waste Management System For Metropolitan Cities

Screenshots of Node- Red service:

Team Lead:



Team Member 1:



Team Member 2:

The screenshot shows the IBM Cloud Developer console for a Node RED application. The main header displays the application name "Node RED VVXR 2022-11-15" and a link to "Add tags". Below this, there are three main sections: "Details", "Services", and "Deployment Automation".

Details:

- App URL: <http://159.122.183.63:31562/>
- Source: <https://us-south.git.cloud.ibm.com/922119106078/NodeREDX...>
- Resource group: Default
- Deployment target: Kube/Helm
- Created: 15/11/2022

Services:

- Cloudant: Open dashboard, Documentation, API reference, Credentials
- Buttons: Connect existing services, Create service

Deployment Automation:

- Name: NodeREDVVXR2022-11-15
- Location: Dallas
- Tool integrations: [Icons for various tools]
- Delivery Pipelines:
 - Name: ci-pipeline, Status: Success
 - Name: pr-pipeline, Status: No stages detected

Getting started quickly:

- Configuring your app: To connect services and DevOps toolchains to your app:
 - Use the **Services** card to connect a service to your app. Select an existing service instance, or create a new one. [Learn more.](#)
 - If you want to view the code before your app is deployed, click **Download code** to obtain the .zip file.
 - Click **Deploy your app** in the **Deployment Automation** card to select the deployment target and configure the Continuous Delivery service. The deployment begins automatically.
 - After the deployment begins, you can view the status of the deployment, modify your app, view your repo, or view the app's URL.
 - If you make any changes to your app, be

The screenshot shows the Node-RED web interface. The top bar indicates "Successfully deployed". The main workspace displays a flow diagram with the following components:

- Flow 1:** A "6:" node (a blue box with the number 6) connected to a "switch node" (a yellow box).
- Flow 2:** The "switch node" is connected to two output nodes: a green box labeled ">5" and a green box labeled "<=5".

The left sidebar shows the "common" and "function" node palettes. The right sidebar shows the "debug" console.

Team Member 3:

The screenshot shows the IBM Cloud Developer App Service console for an application named "Node RED TPSKL 2022-10-30". The interface is divided into several sections:

- Details:** Displays the App URL (<https://node-red-tpskl-2022-10-30.mybluemix.net>), Source (<https://us-south.git.cloud.ibm.com/922119106091/NodeREDTPSKL-2022-10-30>), Resource group (Default), Deployment target (Node RED TPSKL 2022-10-30), and Created date (10/30/2022).
- Services:** Shows a "Cloudant" service with links to "Open dashboard", "Documentation", and "API reference". There are buttons for "Connect existing services" and "Create service".
- Deployment Automation:** Lists two pipelines: "ci-pipeline" (Status: Success) and "pr-pipeline" (Status: No stages detected).
- Getting started quickly:** A sidebar with instructions on how to configure the app, including steps for connecting services, downloading code, and deploying the app.

The screenshot shows the Node-RED web interface for the application "node-red-tpskl-2022-10-30.mybluemix.net". The interface displays a flow diagram with the following components:

- Flow 1:** Contains an "IBM IoT" node (connected), a "msg.payload" node, a "temperature node" (function), and a "temperature" output node.
- Flow 2:** Is currently empty.
- Left Panel:** Shows a list of nodes categorized under "common" (inject, debug, complete, catch, status, link in, link call, link out, comment) and "function" (function, switch, change).
- Right Panel:** Displays the "info" tab, showing the selected flow "Flow 1" with its ID "fa57f5d4c9b6473b".