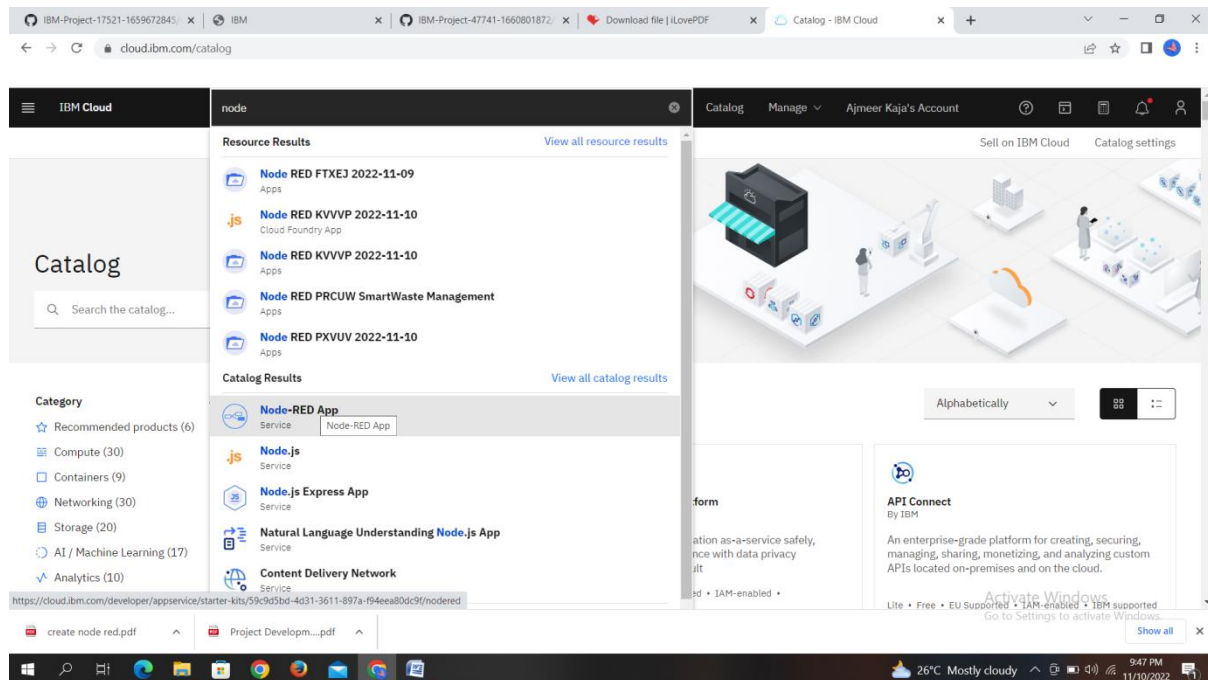


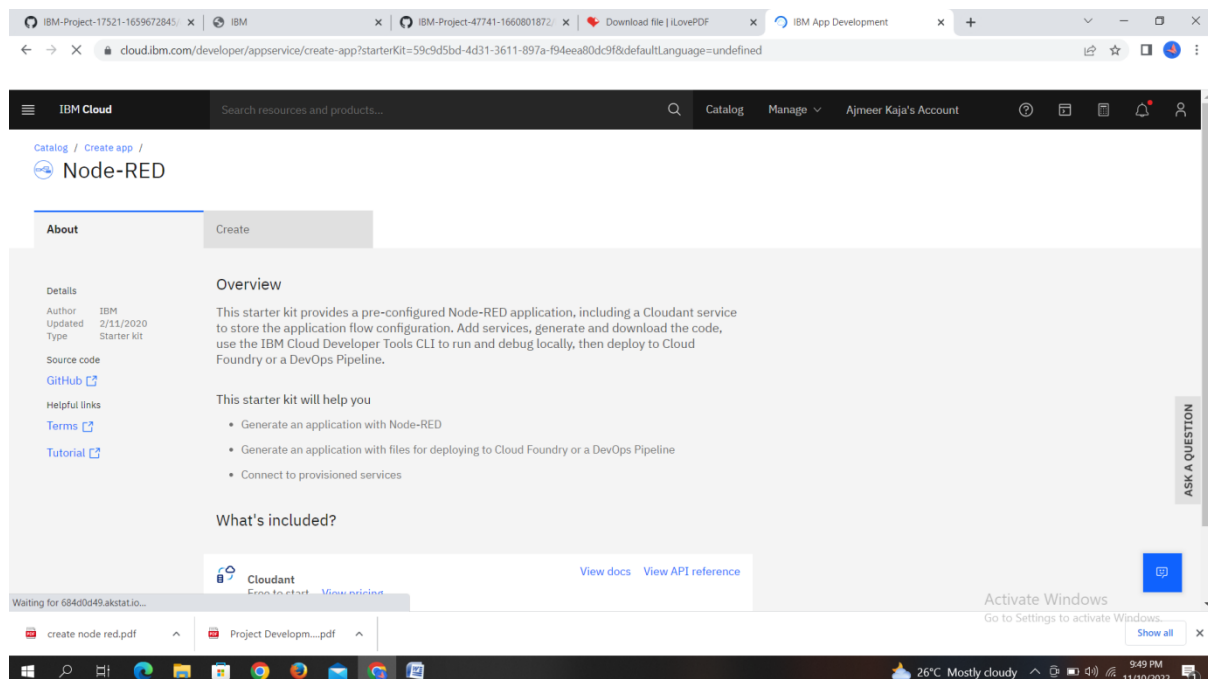
## Creation of Node-RED App Platform

Assignment Date	10 November 2022
Team ID	PNT2022TMID44143
Project Name	Smart Waste Management System For Metropolitan Cities

### Step 1: Log in to IBM Cloud Account And Click on Catalog.



### Step 2: Then Click the Get Started in Node-RED app and Deploy Your App.



### Step 3: Wait for App URL must Established.

The screenshot shows the IBM Cloud Developer console for an application named "Node RED TNOQF 2022-11-10". The interface includes a top navigation bar with "IBM Cloud", a search bar, and user information. The main content area is divided into three sections: "Details", "Deployment Automation", and "Getting started quickly".

**Details:** This section contains a table with the following information:

Property	Value
App URL	You must deploy your app first
Source	<a href="#">Download code</a>
Resource group	Default
Deployment target	You must deploy your app first
Created	11/10/2022

**Services:** This section shows the "Cloudant" service with links to "Open dashboard", "Documentation", and "API reference". It also includes a "Credentials" dropdown and buttons for "Connect existing services" and "Create service".

**Deployment Automation:** This section contains a "Configure Continuous Delivery" card with a "Deploy your app" button.

**Getting started quickly:** This section provides a "Getting started quickly" guide with four steps: 1. Use the Services card to connect a service to your app. 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. 4. After the deployment begins, you can view the status of the deployment.

### Step 4: Click the App URL to Node-RED Page.

The screenshot shows the "Node-RED on IBM Cloud" landing page. The page has a dark red header with the text "Node-RED" and "Flow-based programming for the Internet of Things". Below the header, there is a large red banner with the text "Node-RED" and "Flow-based programming for the Internet of Things".

The main content area is divided into two sections: "Node-RED is a programming tool for wiring together hardware devices, APIs and online services in new and interesting ways." and "This instance is running as an IBM Cloud application, giving it access to the wide range of services available on the platform." Below these sections, there is a button labeled "Go to your Node-RED flow editor" and a link labeled "Learn how to customise Node-RED".

### Step 5: Node-RED Service Has been Created Successfully

IBM-Project-17521-165967 x IBM x IBM-Project-47741-166080 x Download file | I Love PDF x Application Details - IBM C x Node-RED : node-red-kvvp x

node-red-kvvp-2022-11-10.au-syd.mybluemix.net/red/#flow/7f4ab94baa7c742c

### Node-RED

filter nodes

Flow 1

common

- inject
- debug
- complete
- catch
- status
- link in
- link call
- link out
- comment

function

- function
- switch

msg.payload

info

Search flows

Flows

- Flow 1
- Subflows
- Global Configuration Nodes

Flow 1

Flow "7f4ab94baa7c742c"

Move the selected nodes using the ↑ ↓ and ← → keys. Hold ⌘ to nudge them further

Activate Windows

Go to Settings to activate Windows.

Show all

create node red.pdf Project Developm...pdf

26°C Mostly cloudy 9:55 PM 11/10/2022