

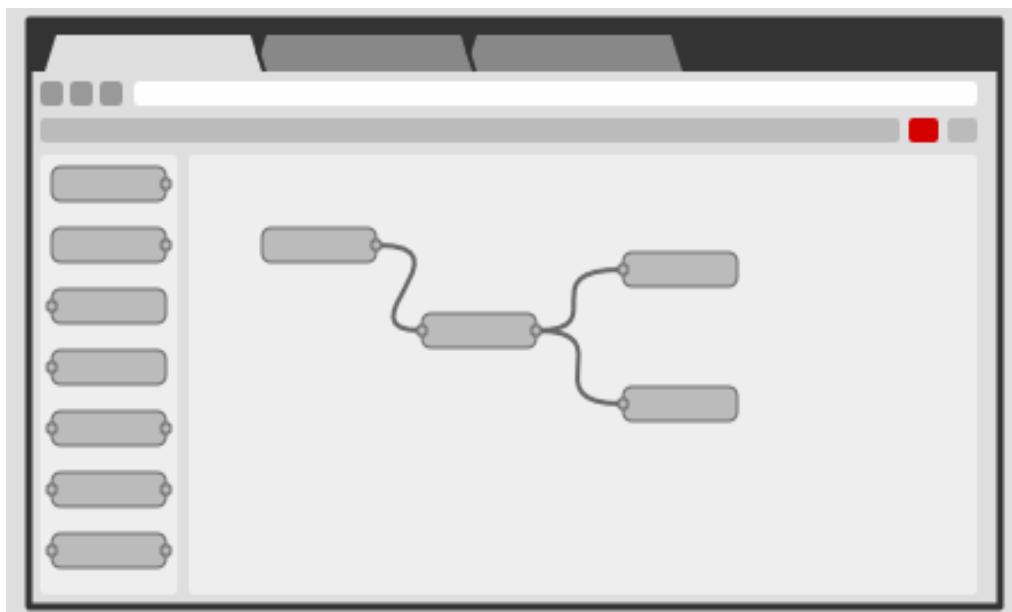
Team ID	PNT2022TMID40963
Project Name	IoT Based Smart Crop Protection System For Agriculture

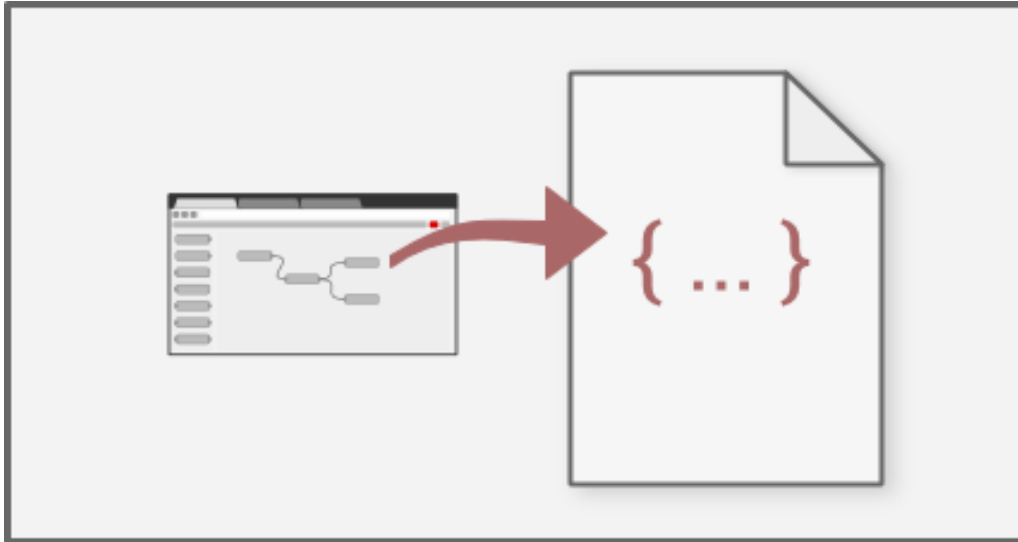
Creating NODE-RED Service

- Node-RED is a flow-based development tool for visual programming developed originally by IBM for wiring together hardware devices, APIs and online services as part of the Internet of Things.
- Node-RED provides a web browser-based flow editor, which can be used to create JavaScript functions. Elements of applications can be saved or shared for re-use.
- The runtime is built on Node.js.
- The flows created in Node-RED are stored using JSON.

Social Development:

- The flows created in Node-RED are stored using JSON which can be easily imported and exported for sharing with others.
- An online flow library allows you to share your best flows with the world.



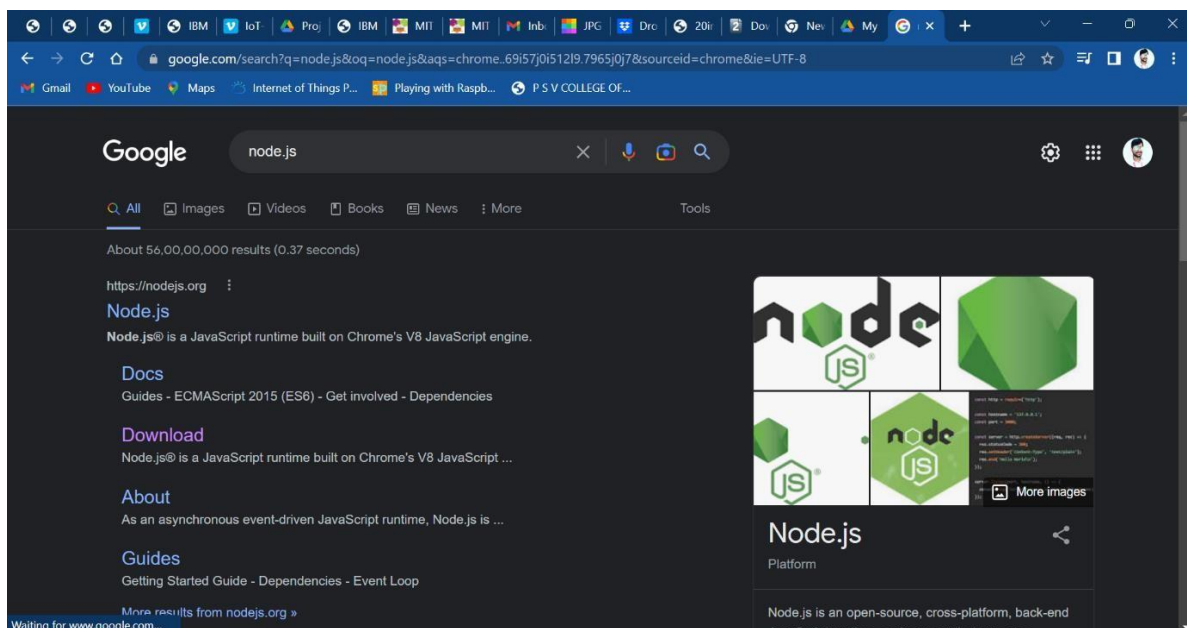


Step1: go to nodejs website and download .msi file in downloads page.

Step2:run the .msi file and install the nodejs.

Step3: install nodered in command prompt: `npm install -g --unsafe-perm node-red`


Step4: type node-red in cmd and u will get the local server link, just open it.





nodejs.org/en/download/

LTS
Recommended For Most Users

Current
Latest Features


Windows Installer
node-v18.12.0-x64.msi


macOS Installer
node-v18.12.0.pkg


Source Code
node-v18.12.0.tar.gz

Windows Installer (.msi)
Windows Binary (.zip)
macOS Installer (.pkg)
macOS Binary (.tar.gz)
Linux Binaries (x64)
Linux Binaries (ARM)
Source Code

32-bit	64-bit
32-bit	64-bit
64-bit / ARM64	
64-bit	ARM64
64-bit	
ARMv7	ARMv8
node-v18.12.0.tar.gz	

Additional Platforms


<https://nodejs.org/dist/v18.12.0/node-v18.12.0-x64.msi>


nodejs.org/en/download/


Download the Node.js source code or a pre-built installer for your platform, and start developing today.

Recommended

Current


Windows Installer
node-v18.12.0-x64.msi


macOS Installer
node-v18.12.0.pkg


Source Code
node-v18.12.0.tar.gz

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Node.js Setup

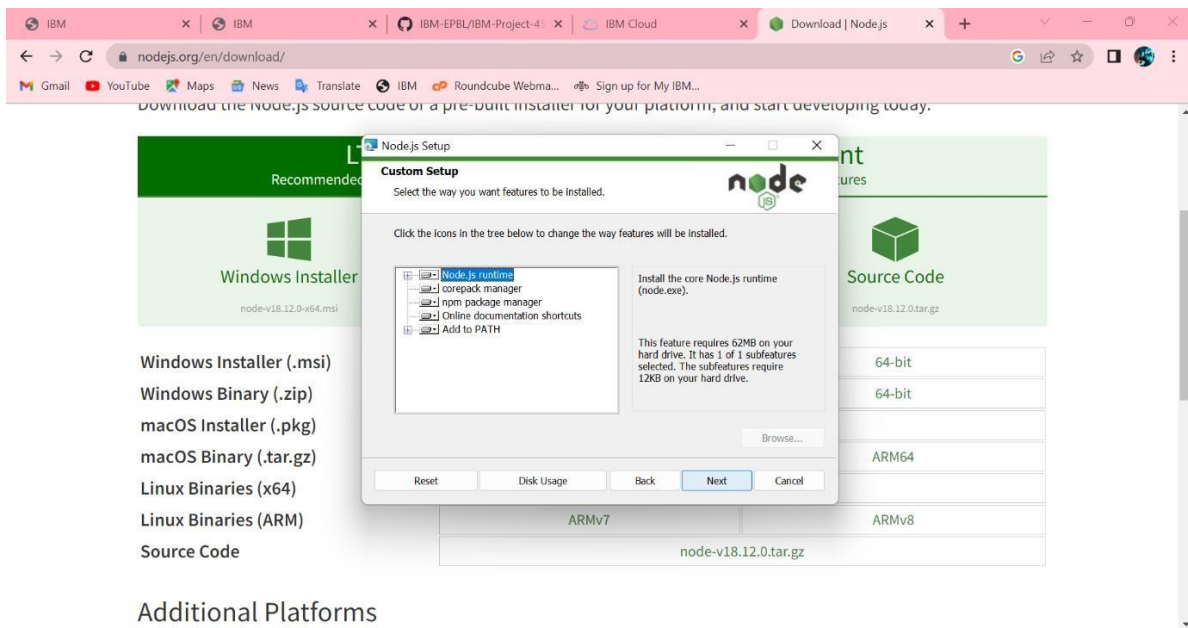
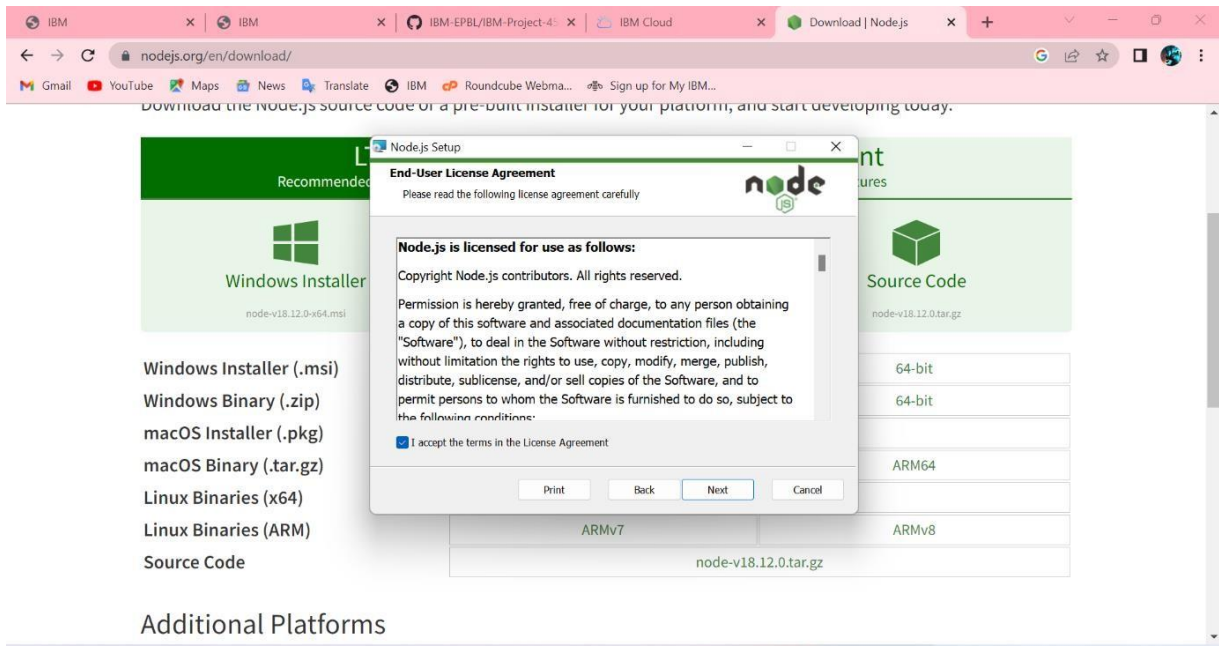
Welcome to the Node.js Setup Wizard

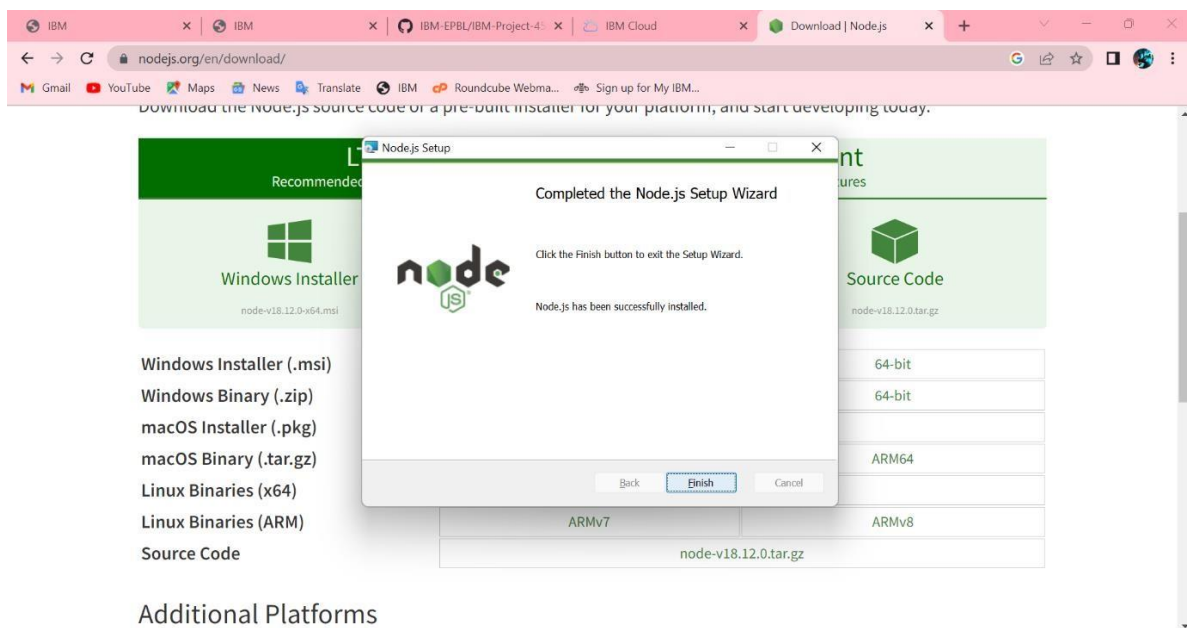
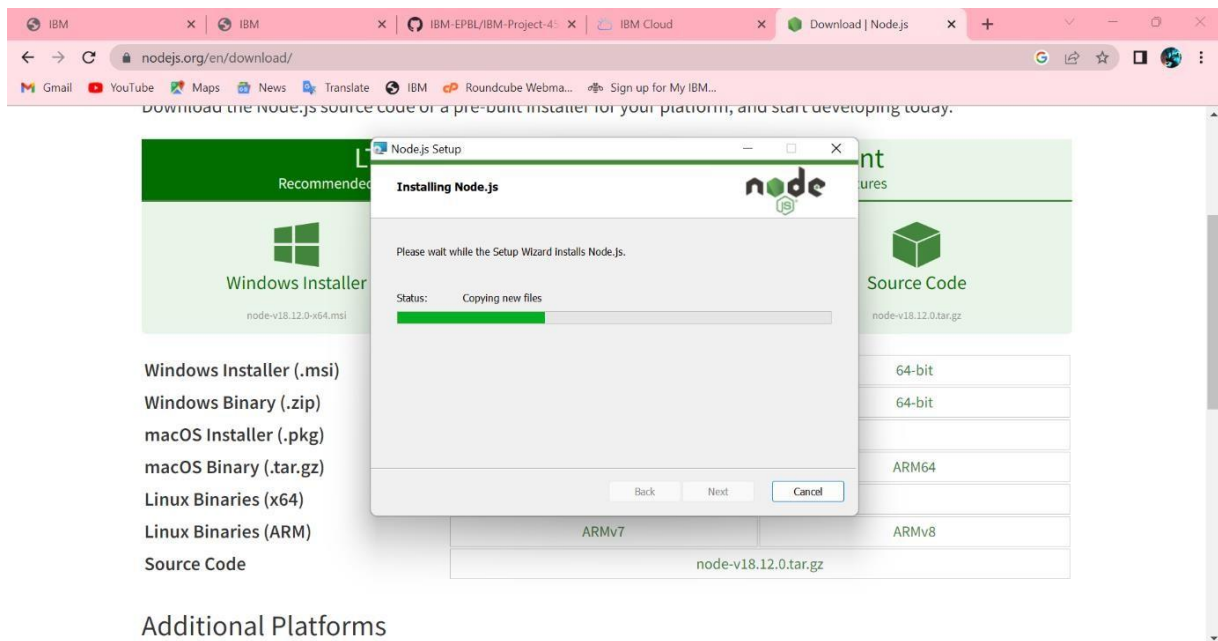
The Setup Wizard will install Node.js on your computer.

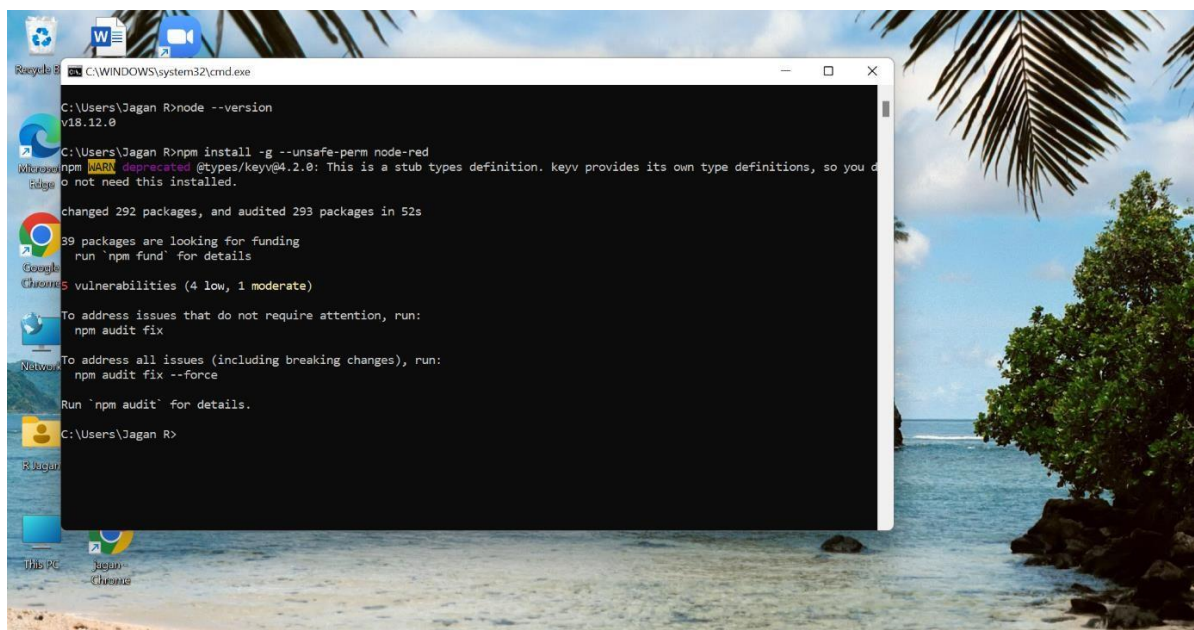
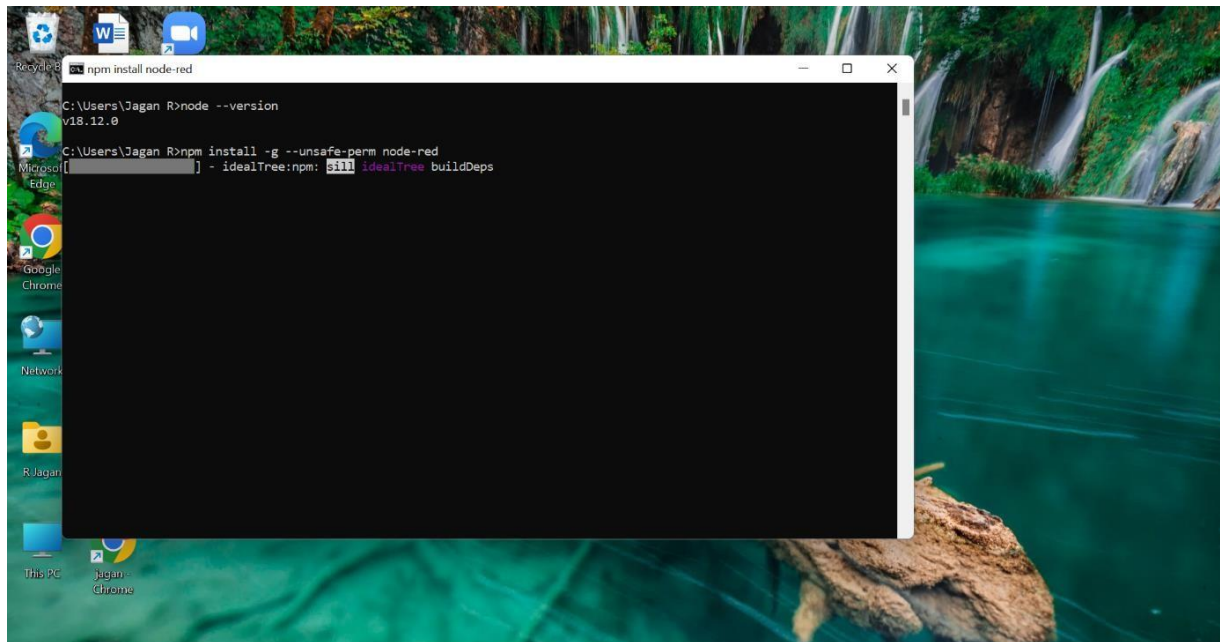
Back Next Cancel

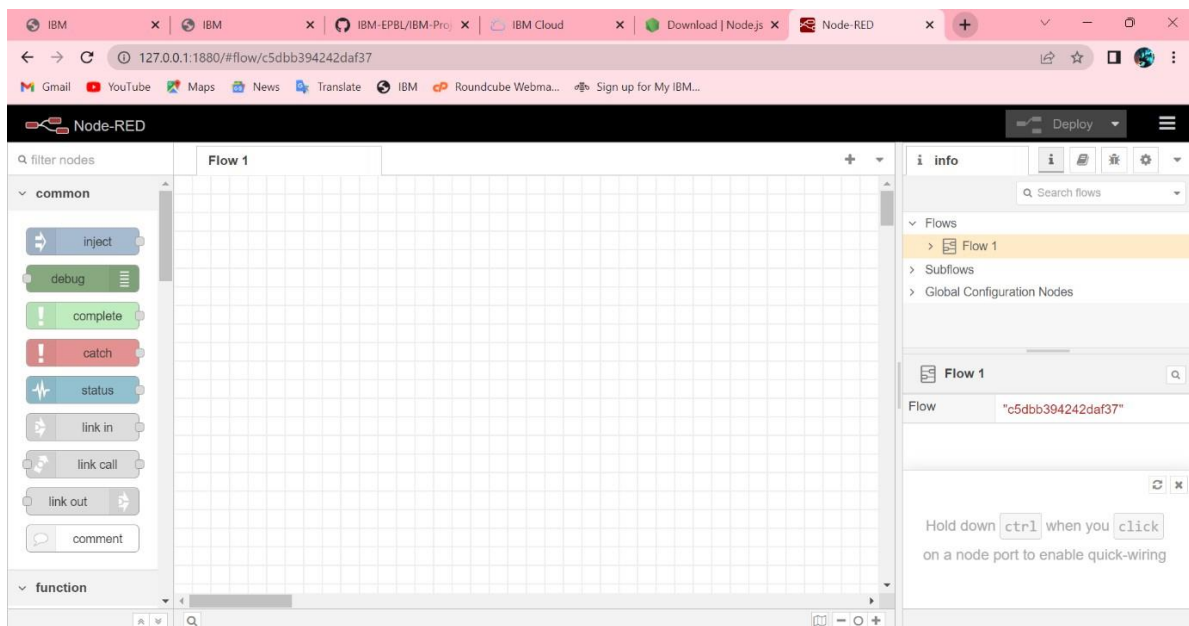
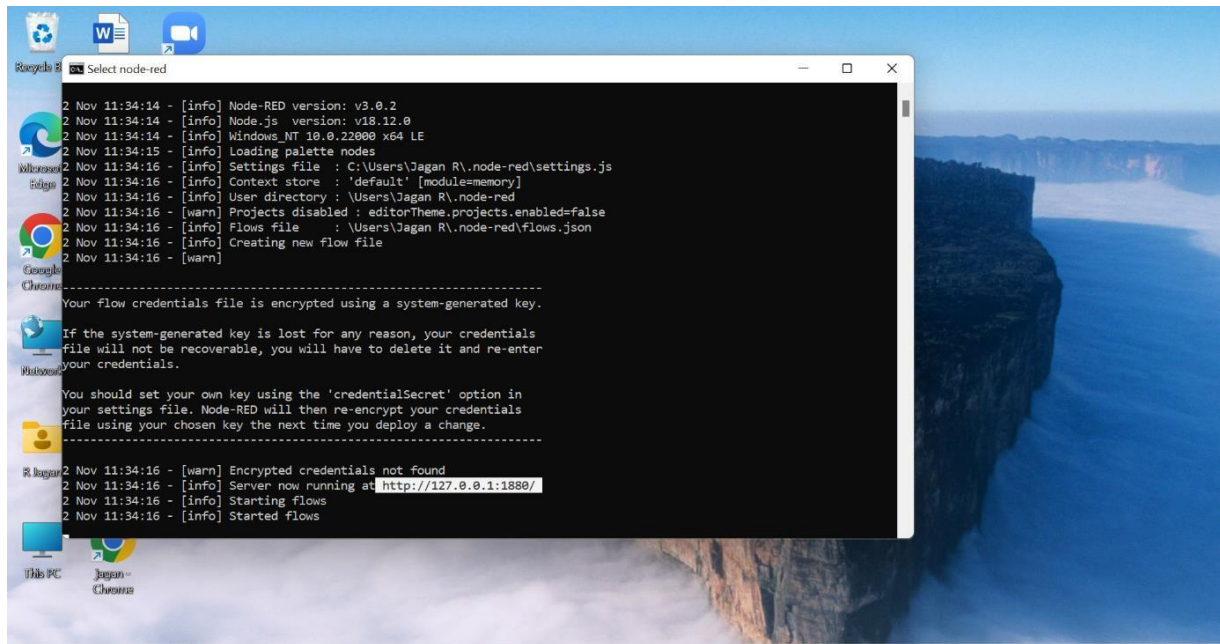
node-v18.12.0-x64.msi

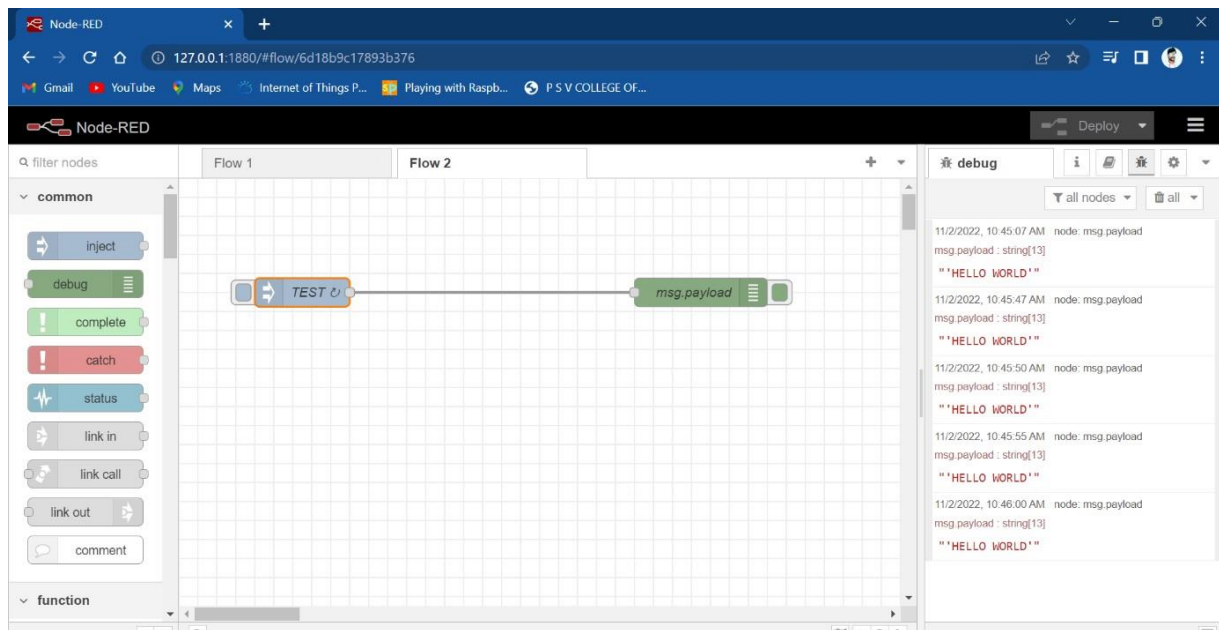
Show all











Thus we created NODE-RED Service.