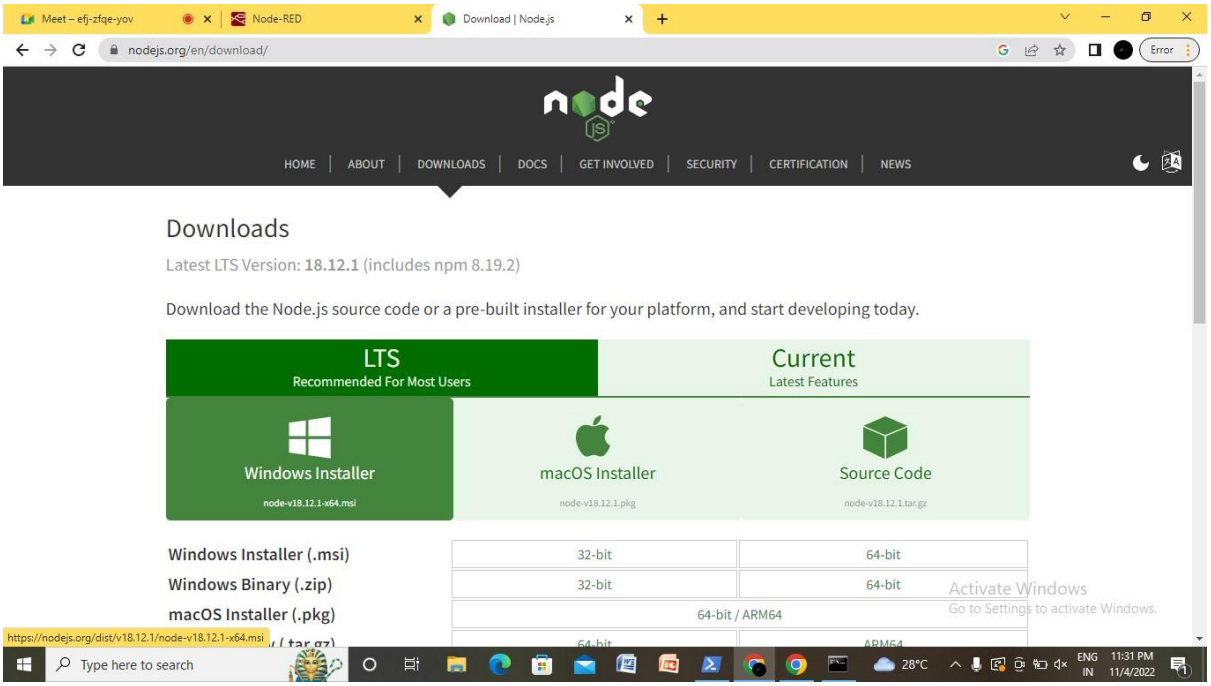
CREATE AND CONFIGURE IBM CLOUD SERVICES

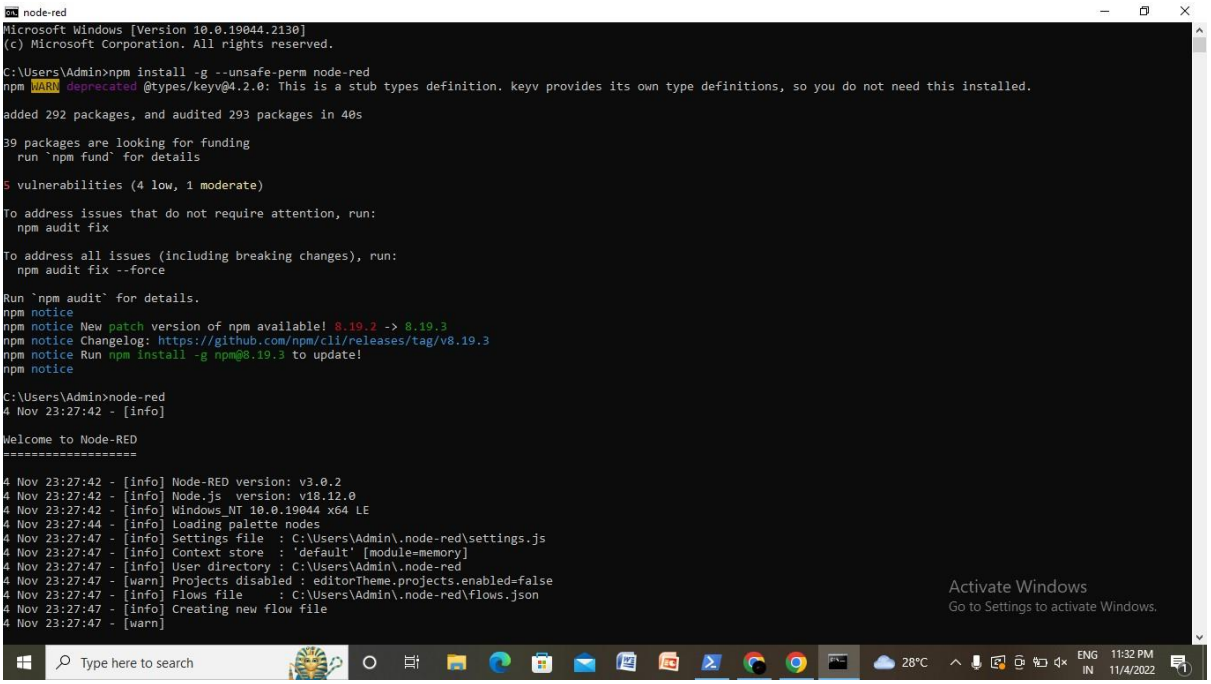
Creating Node-Red Service

Date	**4th November 2022**
Team ID	**PNT2022TMID13070**
Project Name	**IoT Enabled Smart Farming Application**

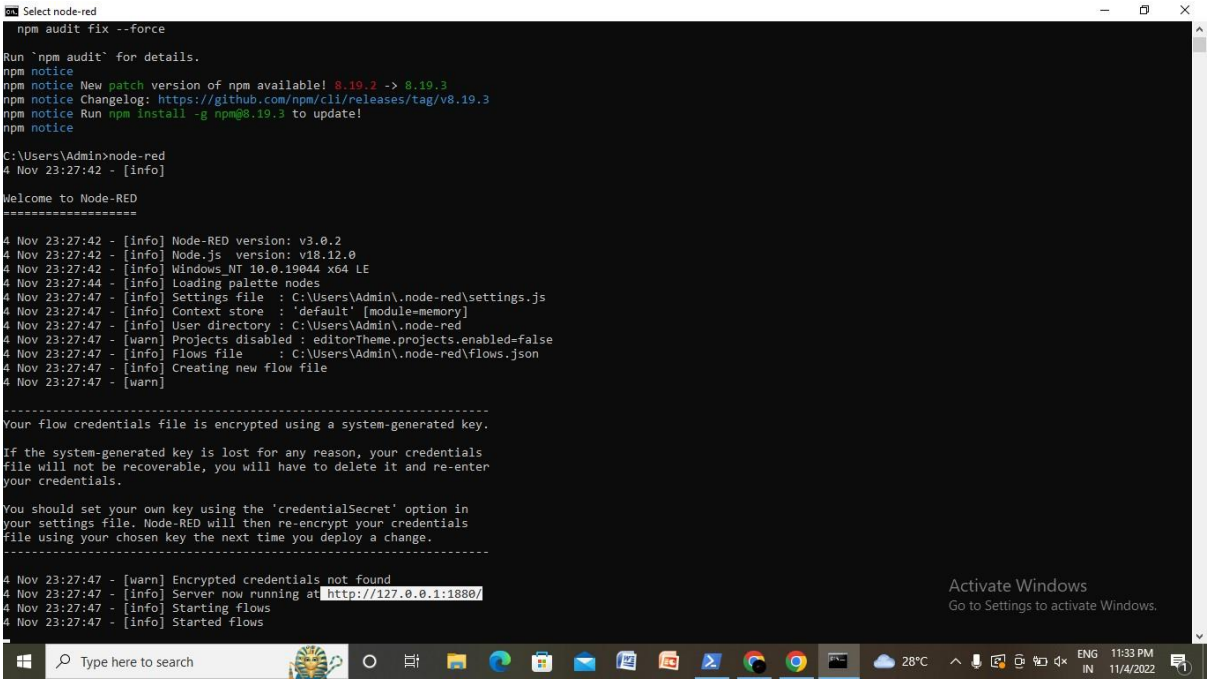
Step 1:



Step 2:


node-red
Microsoft Windows [Version 10.0.19044.2130]
(c) Microsoft Corporation. All rights reserved.
C:\Users\Admin>npm install -g --unsafe-perm node-red
npm WARN deprecated @types/keyv@4.2.0: This is a stub types definition. keyv provides its own type definitions, so you do not need this installed.
added 292 packages, and audited 293 packages in 40s
39 packages are looking for funding
run `npm fund` for details
5 vulnerabilities (4 low, 1 moderate)
To address issues that do not require attention, run:
npm audit fix
To address all issues (including breaking changes), run:
npm audit fix --force
Run `npm audit` for details.
npm notice
npm notice New patch version of npm available! 8.19.2 -> 8.19.3
npm notice Changelog: https://github.com/npm/cli/releases/tag/v8.19.3
npm notice Run npm install -g npm@8.19.3 to update!
npm notice
C:\Users\Admin>node-red
4 Nov 23:27:42 - [info]
Welcome to Node-RED
==========
4 Nov 23:27:42 - [info] Node-RED version: v3.0.2
4 Nov 23:27:42 - [info] Node.js version: v18.12.0
4 Nov 23:27:42 - [info] Windows_NT 10.0.19044 x64 LE
4 Nov 23:27:44 - [info] Loading palette nodes
4 Nov 23:27:47 - [info] Settings file : C:\Users\Admin\.node-red\settings.js
4 Nov 23:27:47 - [info] Context store : 'default' [module=memory]
4 Nov 23:27:47 - [info] User directory : C:\Users\Admin\.node-red
4 Nov 23:27:47 - [warn] Projects disabled : editorTheme.projects.enabled=false
4 Nov 23:27:47 - [info] Flows file : C:\Users\Admin\.node-red\flows.json
4 Nov 23:27:47 - [info] Creating new flow file
4 Nov 23:27:47 - [warn]
Activate Windows
Go to Settings to activate Windows.
Type here to search
28°C
ENG
IN
11:32 PM
11/4/2022

Step 3:


Select node-red
npm audit fix --force
Run `npm audit` for details.
npm notice
npm notice New patch version of npm available! 8.19.2 -> 8.19.3
npm notice Changelog: https://github.com/npm/cli/releases/tag/v8.19.3
npm notice Run npm install -g npm@8.19.3 to update!
npm notice
C:\Users\Admin>node-red
4 Nov 23:27:42 - [info]
Welcome to Node-RED
==========
4 Nov 23:27:42 - [info] Node-RED version: v3.0.2
4 Nov 23:27:42 - [info] Node.js version: v18.12.0
4 Nov 23:27:42 - [info] Windows_NT 10.0.19044 x64 LE
4 Nov 23:27:44 - [info] Loading palette nodes
4 Nov 23:27:47 - [info] Settings file : C:\Users\Admin\.node-red\settings.js
4 Nov 23:27:47 - [info] Context store : 'default' [module=memory]
4 Nov 23:27:47 - [info] User directory : C:\Users\Admin\.node-red
4 Nov 23:27:47 - [warn] Projects disabled : editorTheme.projects.enabled=false
4 Nov 23:27:47 - [info] Flows file : C:\Users\Admin\.node-red\flows.json
4 Nov 23:27:47 - [info] Creating new flow file
4 Nov 23:27:47 - [warn]
Your flow credentials file is encrypted using a system-generated key.
If the system-generated key is lost for any reason, your credentials
file will not be recoverable, you will have to delete it and re-enter
your credentials.
You should set your own key using the 'credentialSecret' option in
your settings file. Node-RED will then re-encrypt your credentials
file using your chosen key the next time you deploy a change.
4 Nov 23:27:47 - [warn] Encrypted credentials not found
4 Nov 23:27:47 - [info] Server now running at http://127.0.0.1:1880/
4 Nov 23:27:47 - [info] Starting flows
4 Nov 23:27:47 - [info] Started flows
Activate Windows
Go to Settings to activate Windows.
Type here to search
28°C
ENG
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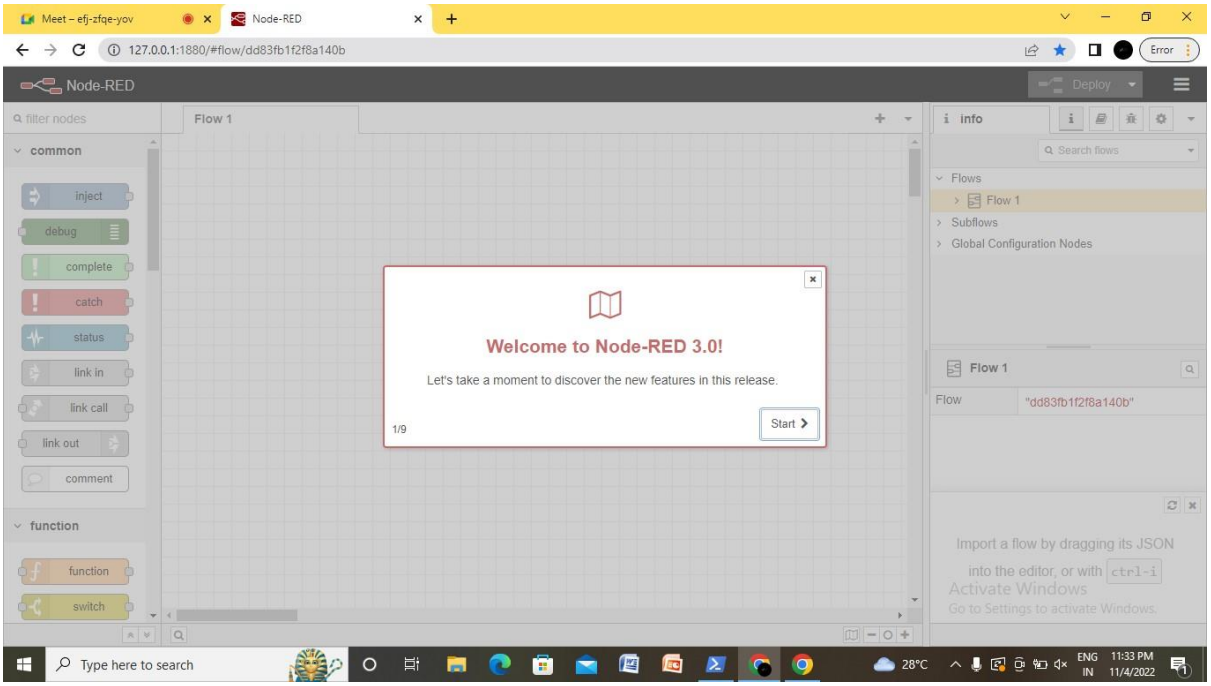
11:33 PM
11/4/2022

Step 4:



Successfully created Node-red Service.