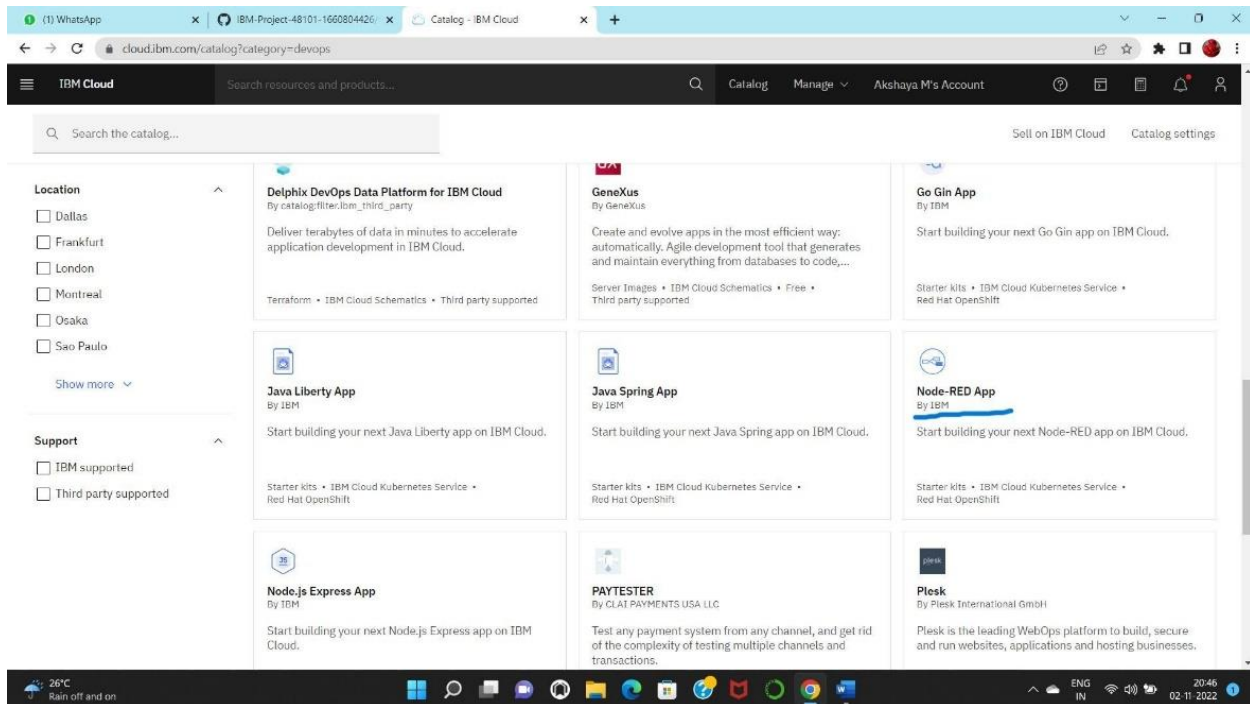


# Create Node Red Service

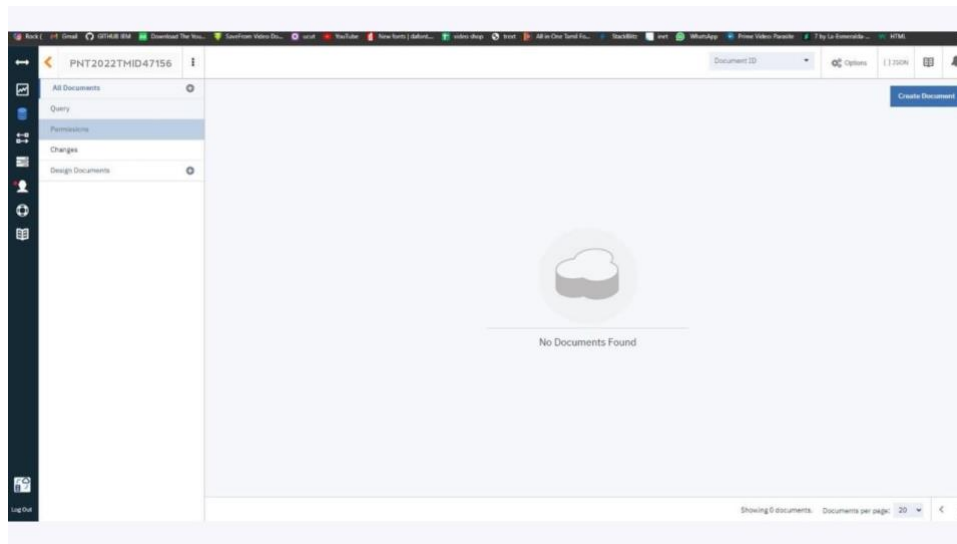
Team ID	PNT2022TMID47156
Project Name	Smart Waste Management For Metropolitan Cities

- Step 1: Login into IBM CLOUD account
- Step2: In catalog, search for node red application

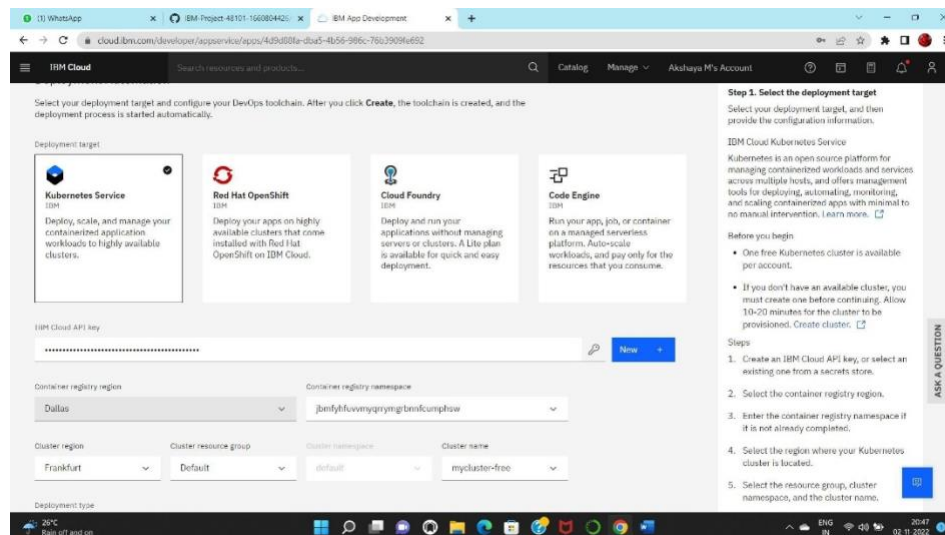


- Step 3: Enter the project details and click on create
- Step 4: click on deploy option and deploy

# Create Node Red Service

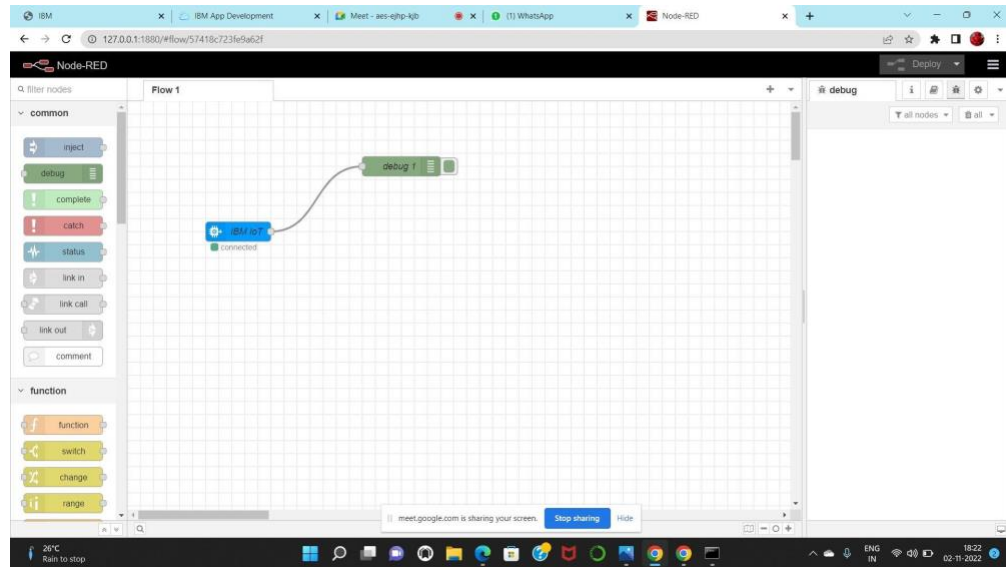


- Step 5: Set up the environment for deploying and click on create

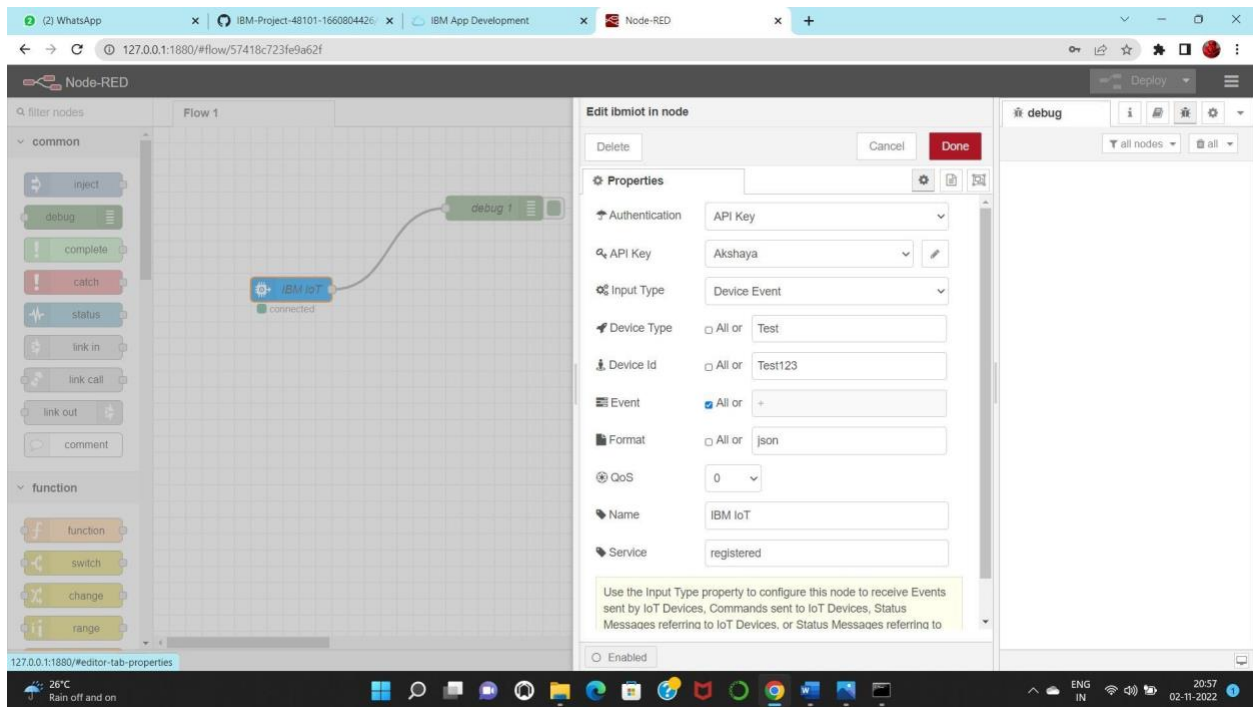


- Step 6: Now drag and drop the nodes and connect nodes with IOT Watson platform

# Create Node Red Service

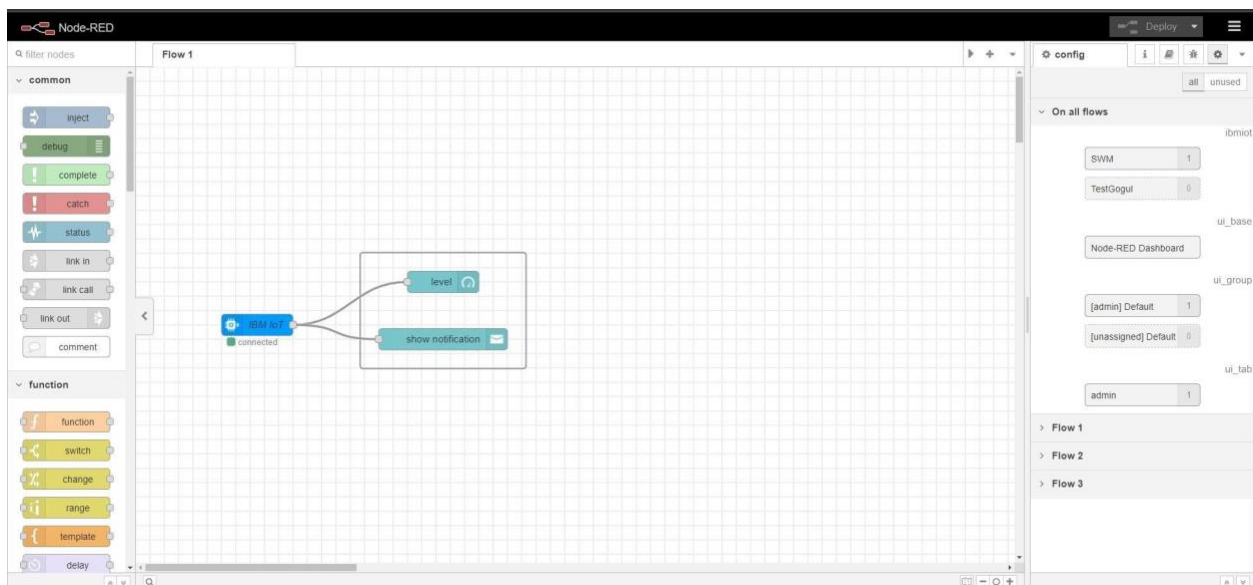
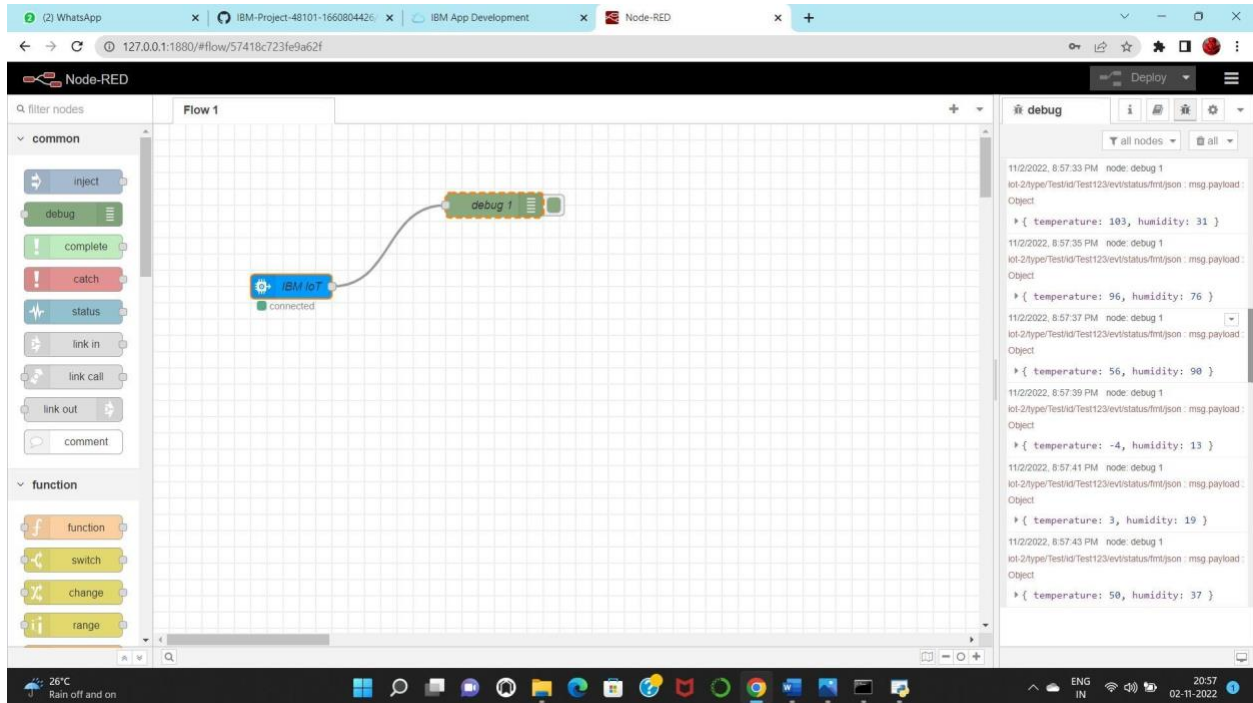


- Step 7: setup the settings that connects node red service with Watson IOT



# Create Node Red Service

- Step 8: Finally, output can be seen in node red service



# Create Node Red Service

```
11 Nov 12:34:32 - [info] Dashboard version 3.2.0 started at /ui
11 Nov 12:34:32 - [info] Settings file : C:\Users\VARORA_EDIT\OneDrive\Node-Red\node-red\settings.js
11 Nov 12:34:32 - [info] Context store : 'default' [module=memory]
11 Nov 12:34:32 - [info] User directory : \Users\VARORA_EDIT\OneDrive\Node-Red
11 Nov 12:34:32 - [warn] Projects disabled : editorTheme.projects.enabled=false
11 Nov 12:34:32 - [info] Flows file : \Users\VARORA_EDIT\OneDrive\Node-Red\node-red\flows.json
11 Nov 12:34:32 - [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.
-----

11 Nov 12:34:32 - [info] Server now running at http://127.0.0.1:1898/
11 Nov 12:34:32 - [info] Starting flows
11 Nov 12:34:32 - [info] Started flows
11 Nov 12:47:51 - [info] Stopping flows
11 Nov 12:47:51 - [info] Stopped flows
Terminate batch job (Y/N)? y

C:\Users\VARORA_EDIT>color a
C:\Users\VARORA_EDIT>node-red
11 Nov 12:48:03 - [info]

-----
Welcome to Node-RED
-----

11 Nov 12:48:03 - [info] Node-RED version: 0.2.0-2
11 Nov 12:48:03 - [info] Node.js version: v14.17.1
11 Nov 12:48:03 - [info] Windows_NT 10.0.19045 x64 IE
11 Nov 12:48:04 - [info] Loading palette nodes
11 Nov 12:48:05 - [info] Dashboard version 3.2.0 started at /ui
11 Nov 12:48:05 - [info] Settings file : C:\Users\VARORA_EDIT\OneDrive\Node-Red\node-red\settings.js
11 Nov 12:48:05 - [info] Context store : 'default' [module=memory]
11 Nov 12:48:05 - [info] User directory : \Users\VARORA_EDIT\OneDrive\Node-Red
11 Nov 12:48:05 - [warn] Projects disabled : editorTheme.projects.enabled=false
11 Nov 12:48:05 - [info] Flows file : \Users\VARORA_EDIT\OneDrive\Node-Red\node-red\flows.json
11 Nov 12:48:05 - [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.
-----

11 Nov 12:48:05 - [info] Server now running at http://127.0.0.1:1898/
11 Nov 12:48:05 - [info] Starting flows
11 Nov 12:48:05 - [info] Started flows
```

## Create Node Red Service