## **Create Node Red service**

Team ID	PNT2022TMID04392
Project Name	Smart waste management system 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

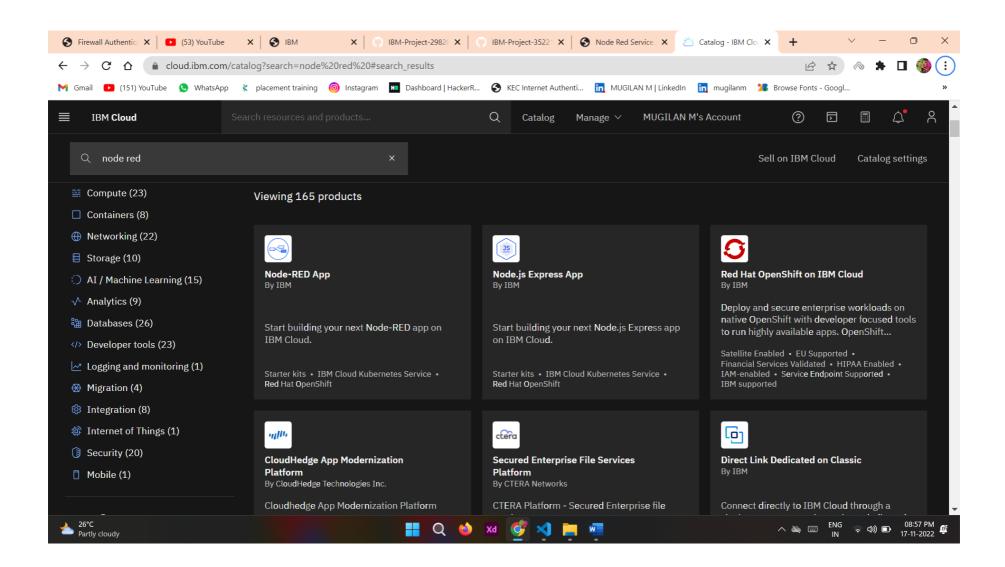
**Step 5:** Set up the environment for deploying and click on create

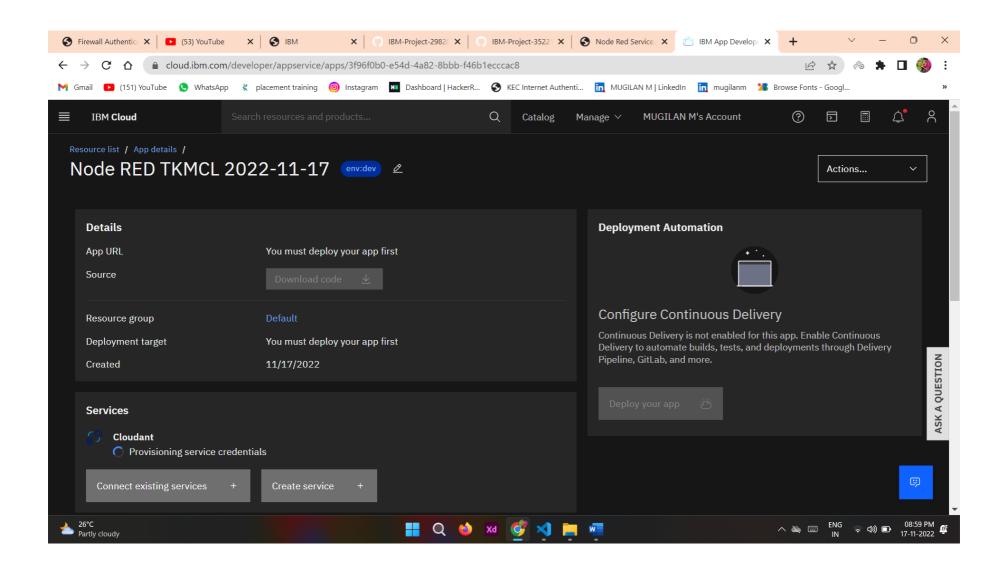
Step 6: Now drag and drop the nodes and connect nodes with IOT Watson platform

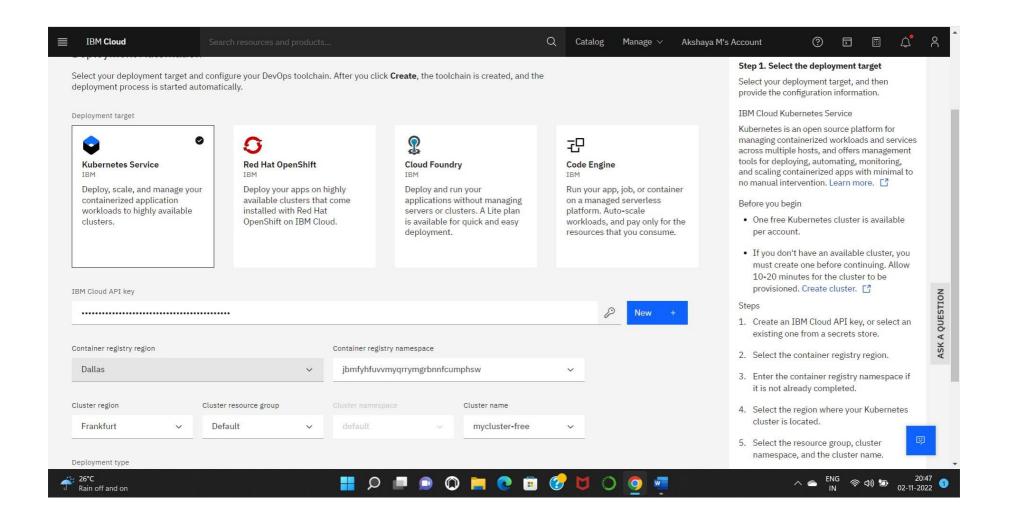
**Step 7:** setup the settings that connects node red service with Watson IOT

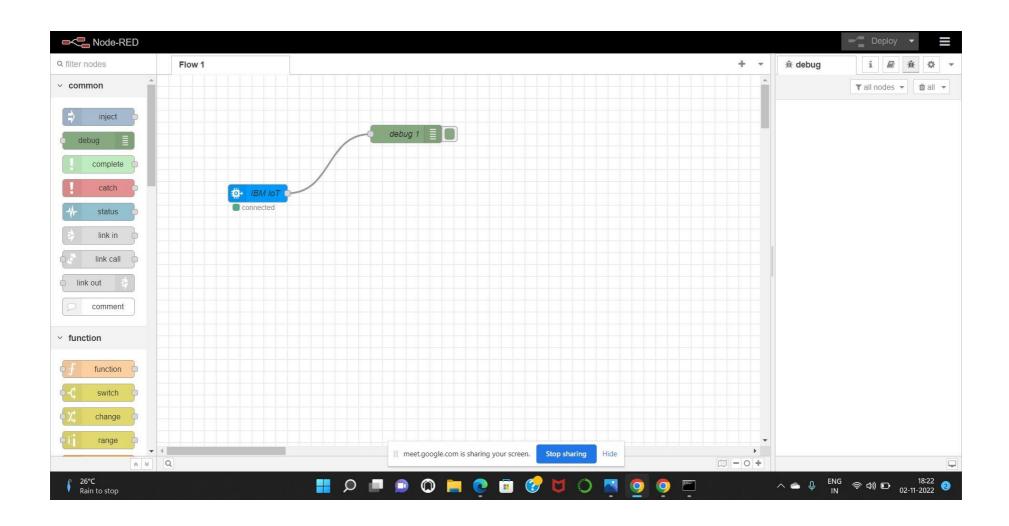
Step 8: Finally, output can be seen in node red service

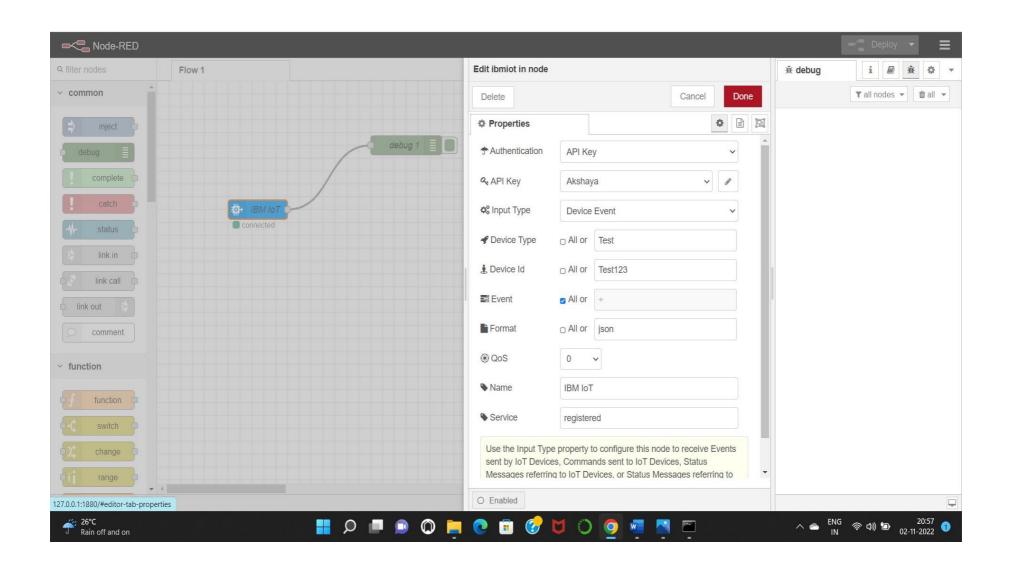
## **Screenshots of Nod-Red Application**











```
Ex Select node-red
 Nov 12:34:32 - [info] Dashboard version 3.2.0 started at /ui
 | Nov 12:34:32 - [info] Settings file : C:\Users\ARORA_EDITH\.node-red\settings.js
1 Nov 12:34:32 - [info] Context store : 'default' [module-memory]
 1 Nov 12:34:32 - [info] User directory : \Users\ARORA EDITH\.node-red
 1 Nov 12:34:32 - [warn] Projects disabled : editorTheme.projects.enabled=false
1 Nov 12:34:32 - [info] Flows file : \Users\ARORA_EDITH\.node-red\flows.json
1 Nov 12:34:32 - [warn]
 our flow credentials file is encrypted using a system-generated key.
 f the system-generated key is lost for any reason, your credentials
 our credentials.
 ou should set your own key using the 'credentialSecret' option in
 our settings file. Node-RED will then re-encrypt your credentials
ile using your chosen key the next time you deploy a change.
1 Nov 12:34:32 - [info] Server now running at http://127.0.0.1:1880/
 1 Nov 12:34:32 - [info] Starting flows
 1 Nov 12:34:32 [info] Started flows
LI Nov 12:47:51 - [info] Stopping flows
 1 Nov 12:47:51 - [info] Stopped flows
 \Users\ARORA EDITH>color a
 \Users\ARORA EDITH>node-red
 Nov 12:48:83 - [info]
 elcome to Node-RED
 ......
(1 Mov 12:48:83 - [info] Node-RED version: v3.0.2
 1 Nov 12:48:03 - [info] Node.js version: v14.17.1
 1 Nov 12:48:03 - [info] Windows NT 10.0.19045 x64 LE
1 Nov 12:48:04 - [info] Loading palette modes
 Nov 12:48:05 - [info] Dashboard version 3.2.0 started at /ui
 1 Nov 12:48:05 - [info] Settings file : C:\Users\ARORA_EDITH\.node-red\settings.js
 1 Nov 12:48:85 - [info] Context store : 'default' [module=memory]
 1 Nov 12:48:05 - [info] User directory : \Users\ARORA EDITH\.node-red
 1 Nov 12:48:05 - [warn] Projects disabled : editorTheme.projects.enabled-false
```

II Nov 12:48:85 - [info] Flows file : \Users\AMONA EDITH\.mode-red\flows.json

