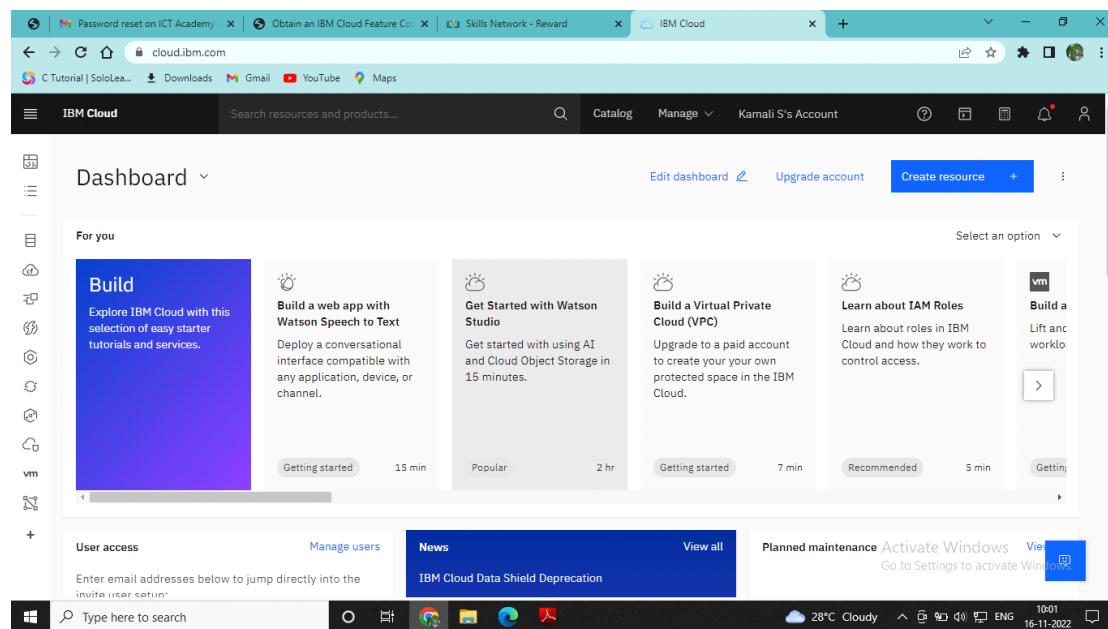


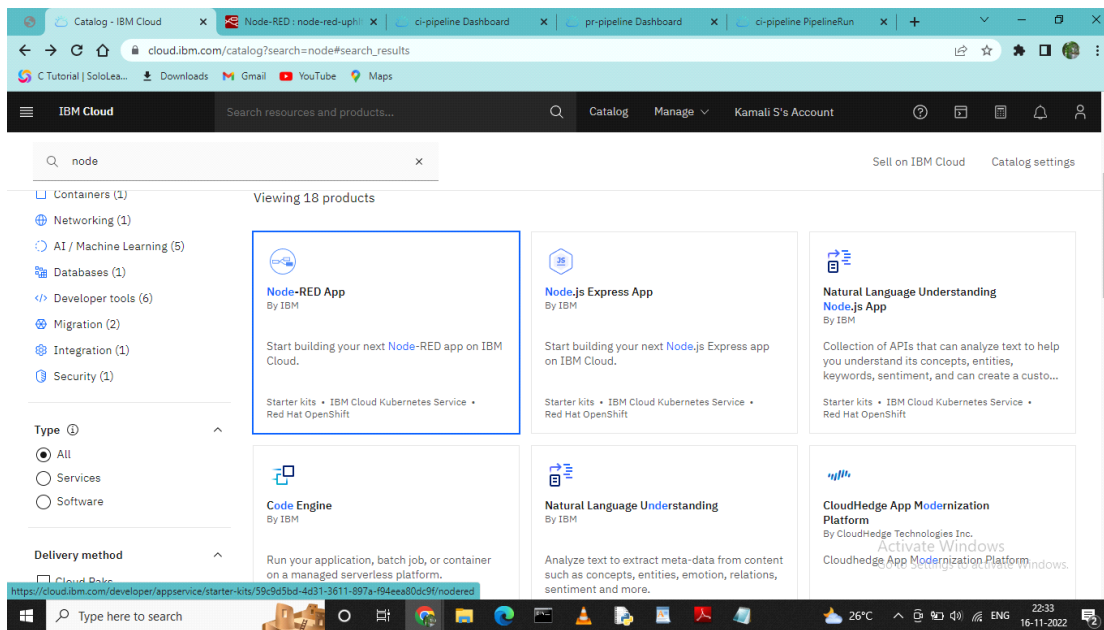
Name	Kamali .S
Team ID	PNT2022TMID25311
Date	16/11/2022
Project Name	Smart Waste Management System for metropolitan cities

## Create Node Red service

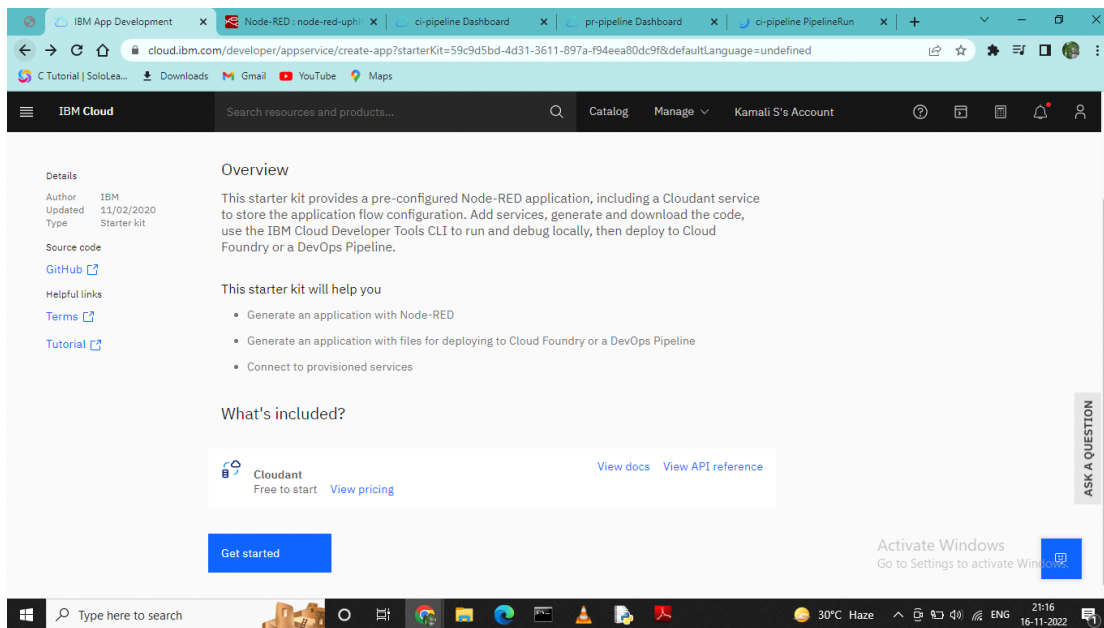
### Step 1: Login into IBM CLOUD account

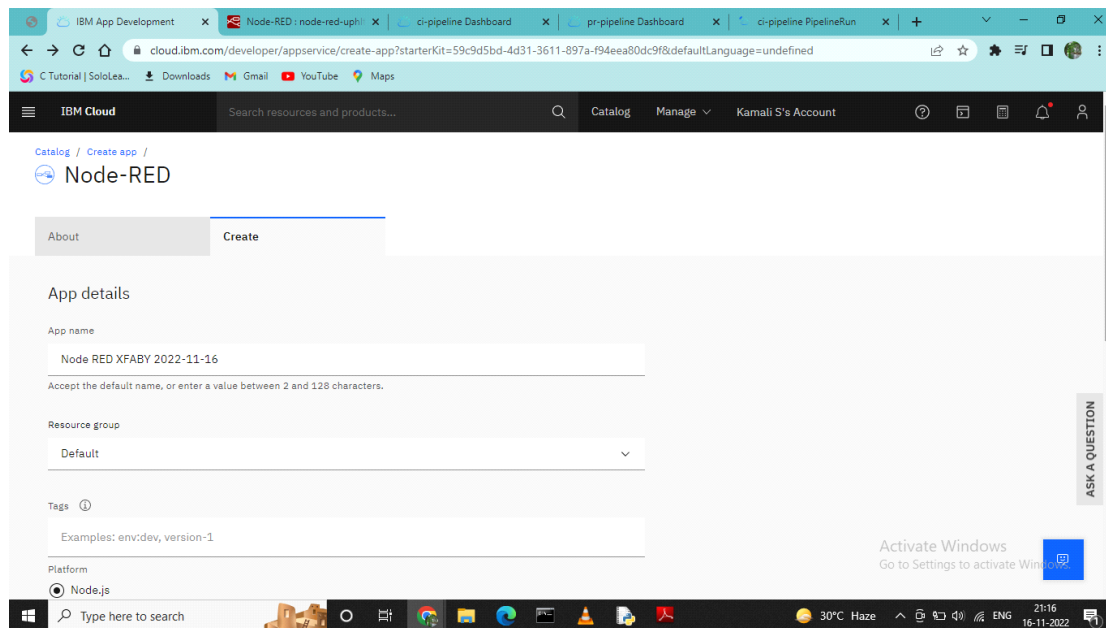


### Step2: In catalog, search for node red application

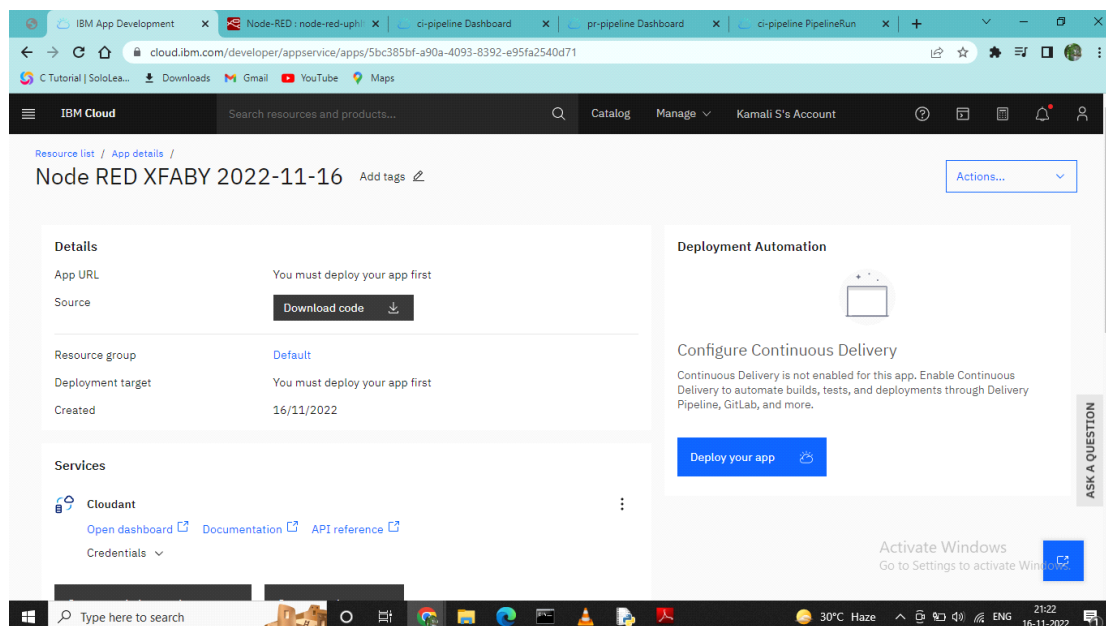


## Step 3: Enter the project details and click on create



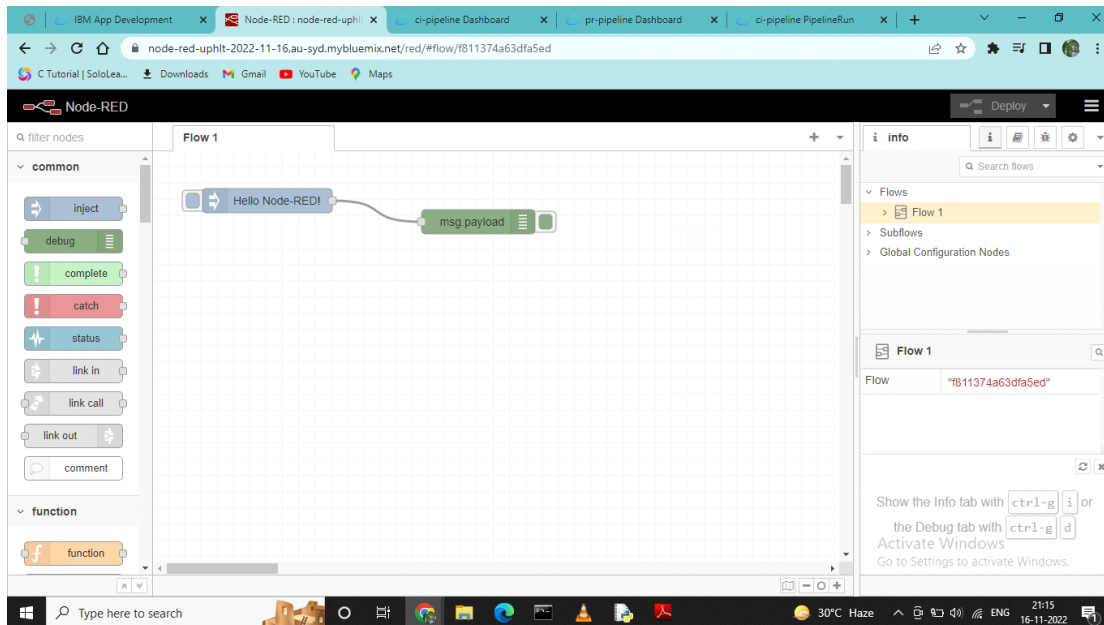


## Step 4: click on deploy option and deploy

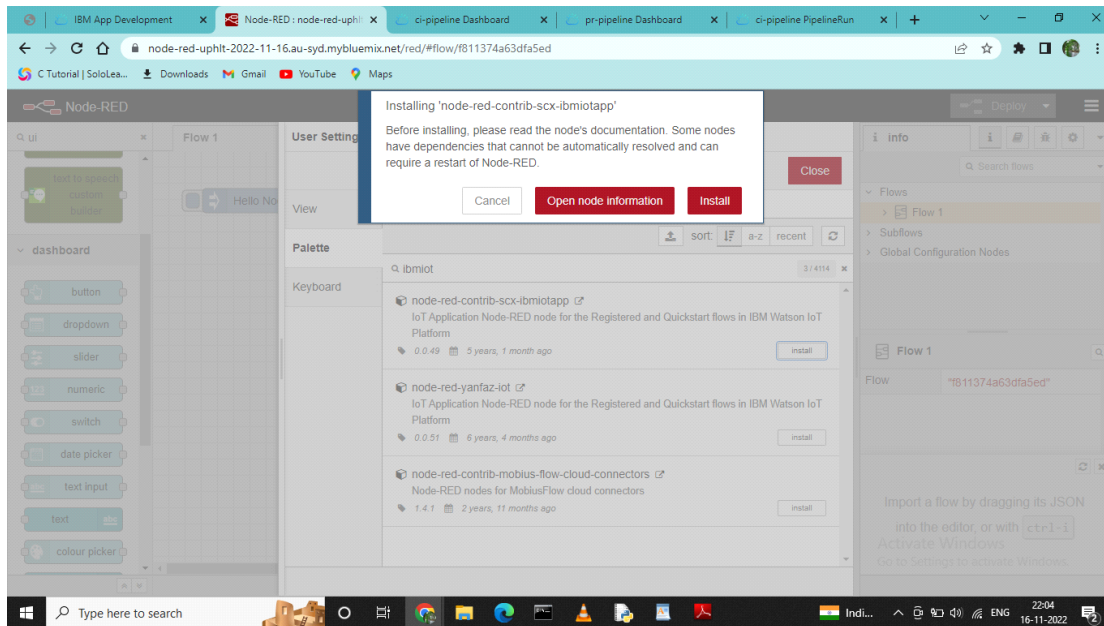


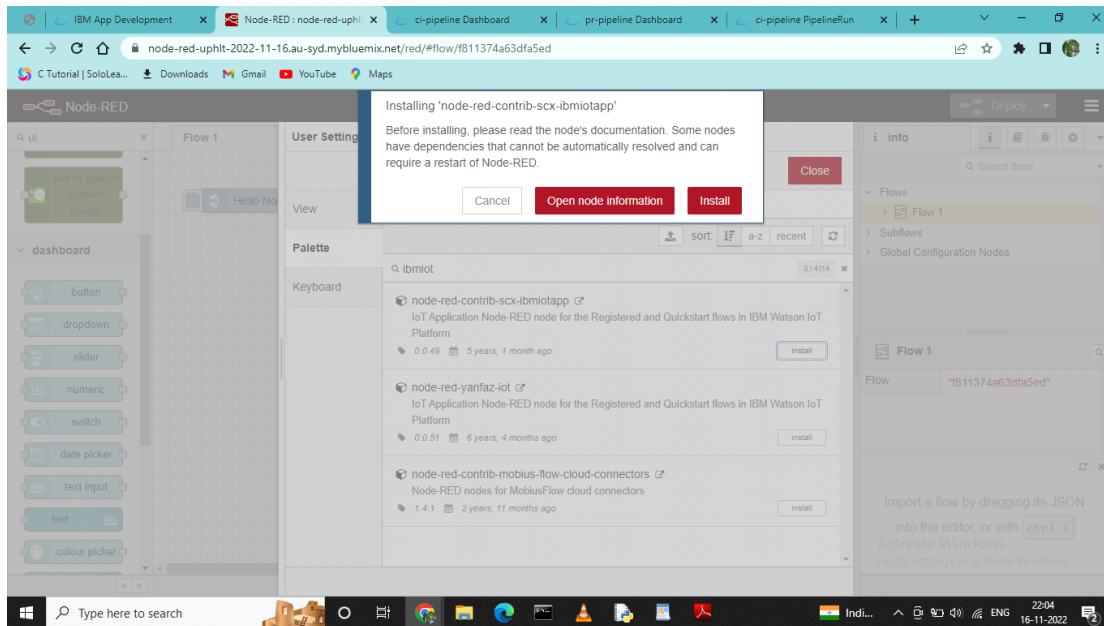
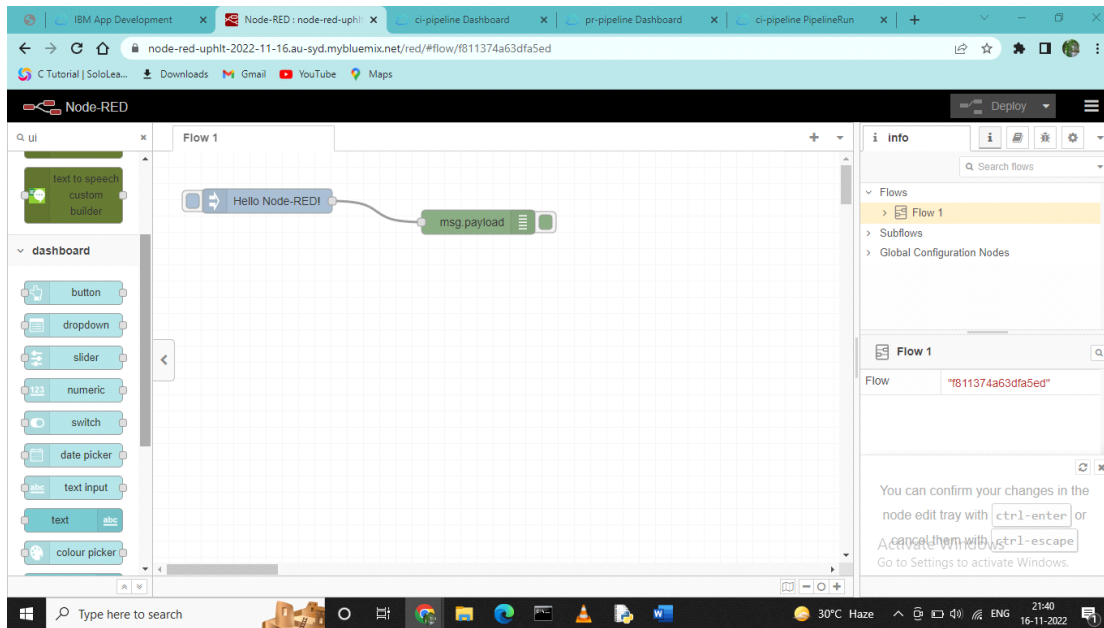
## Step 5: Set up the environment for deploying and click on create

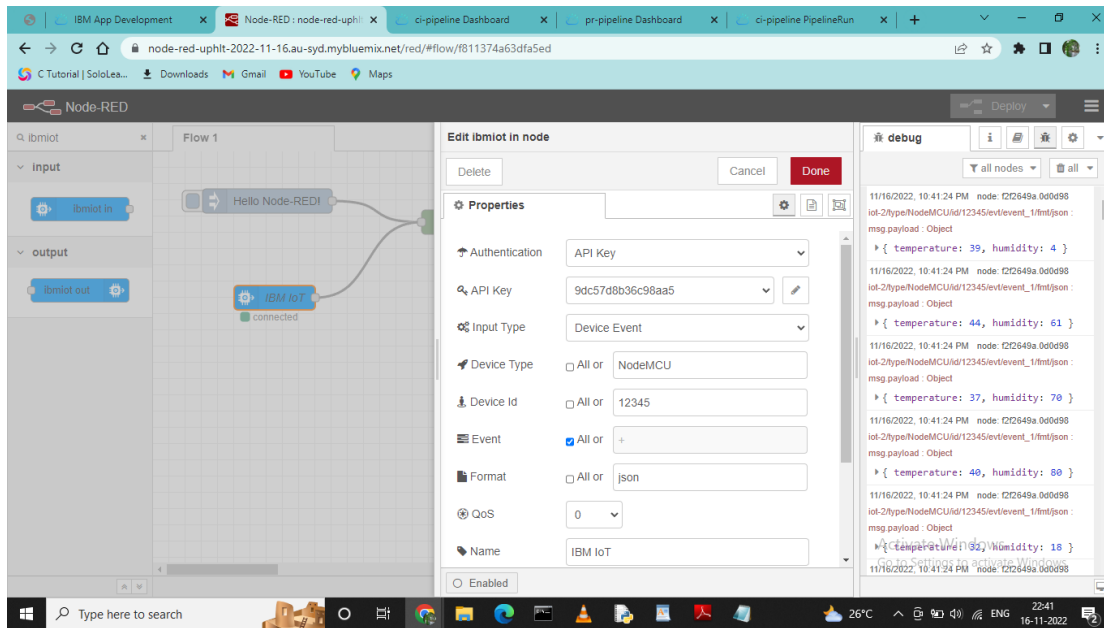
## Step 6: Now drag and drop the nodes and connect nodes with IOT Watson platform



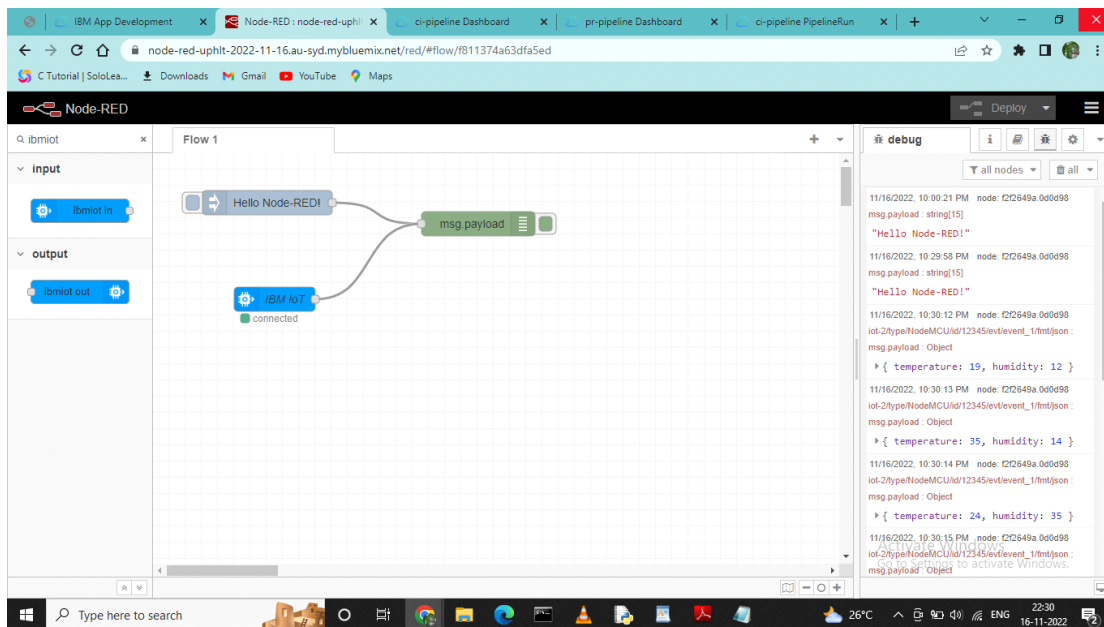
## Step 7: setup the settings that connects node red service with Watson IOT







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



IBM App Development x Node-RED : node-red-upht-2022-11-16-ausyd.mybluemix.net/red/#flow/1811374a63dfa5ed ci-pipeline Dashboard x pr-pipeline Dashboard x ci-pipeline PipelineRun x +

node-red-upht-2022-11-16-ausyd.mybluemix.net/red/#flow/1811374a63dfa5ed

Node-RED

Flow 1

input

- ibmiot in

output

- ibmiot out

Flow 1

Hello Node-RED

msg payload

IBM IoT

connected

debug

all nodes

all

```
{ temperature: 19, humidity: 12 }
11/16/2022, 10:30:13 PM node: 12f2649a.00d98
iot-2/typeNodeMCUID/12345/ev/evnt_1/fmt/json:
msg payload: Object
{ temperature: 35, humidity: 14 }
11/16/2022, 10:30:14 PM node: 12f2649a.00d98
iot-2/typeNodeMCUID/12345/ev/evnt_1/fmt/json:
msg payload: Object
{ temperature: 24, humidity: 35 }
11/16/2022, 10:30:15 PM node: 12f2649a.00d98
iot-2/typeNodeMCUID/12345/ev/evnt_1/fmt/json:
msg payload: Object
{ temperature: 24, humidity: 95 }
11/16/2022, 10:30:16 PM node: 12f2649a.00d98
iot-2/typeNodeMCUID/12345/ev/evnt_1/fmt/json:
msg payload: Object
{ temperature: 15, humidity: 56 }
11/16/2022, 10:30:17 PM node: 12f2649a.00d98
iot-2/typeNodeMCUID/12345/ev/evnt_1/fmt/json:
msg payload: Object
{ temperature: 36, humidity: 78 }
```

https://node-red-upht-2022-11-16-ausyd.mybluemix.net/red/#

Type here to search

26°C 22:30 16-11-2022