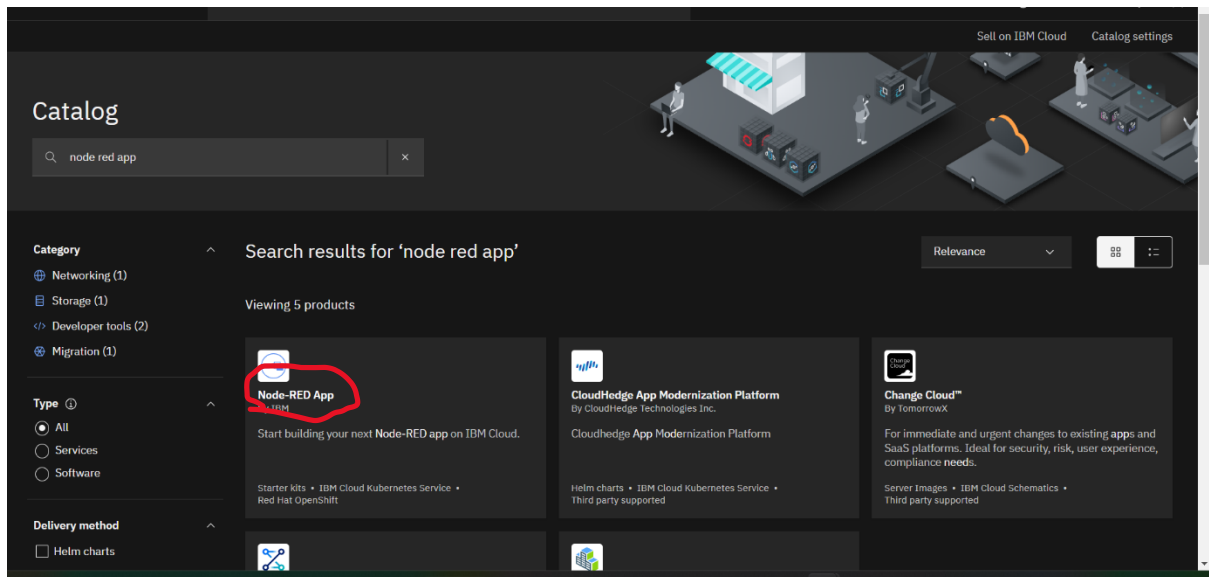


Create Node Red service

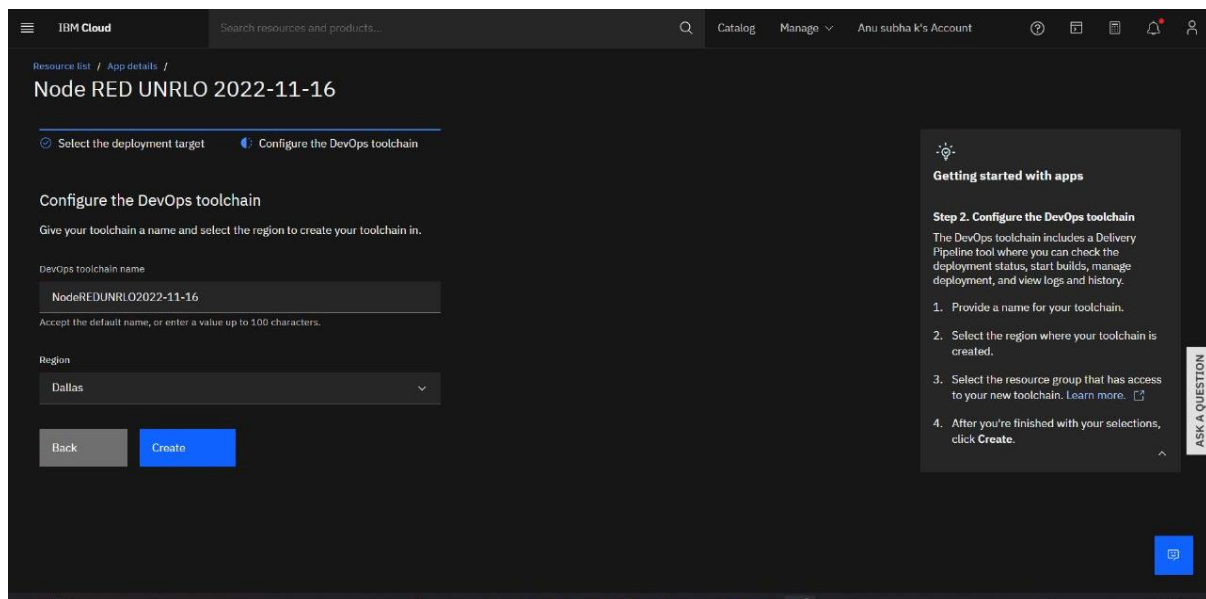
| | |
|--------------|---|
| Team ID | PNT2022TMID52274 |
| Project Name | Smart waste management system for metropolitan cities |

Step 1: Login into IBM CLOUD account

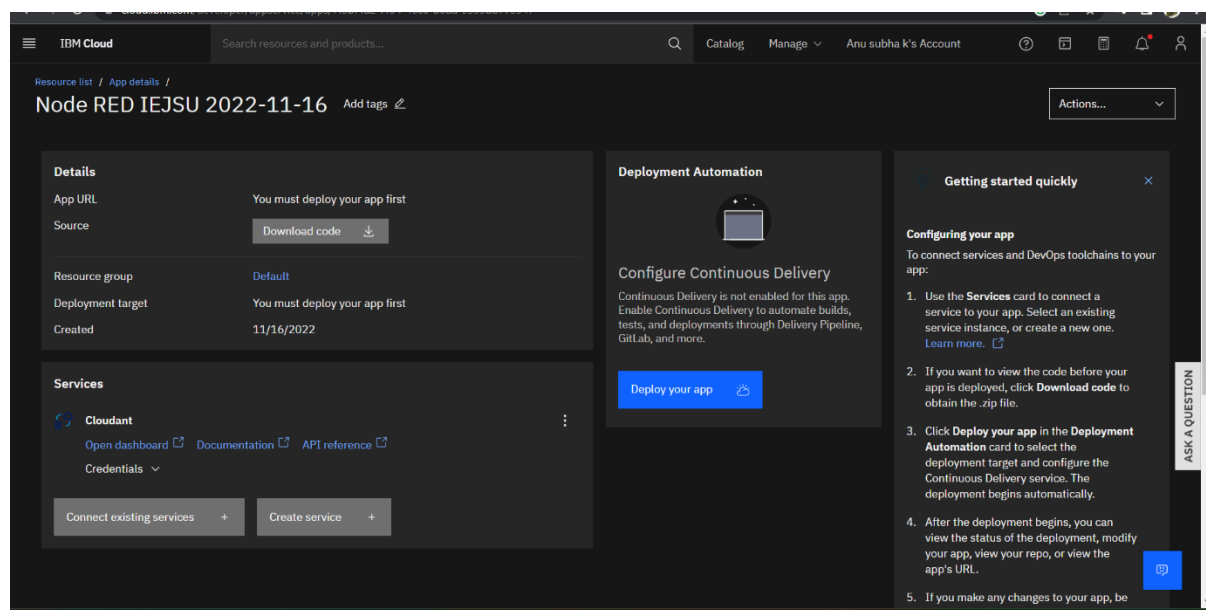
Step2: In catalog, search for node red application



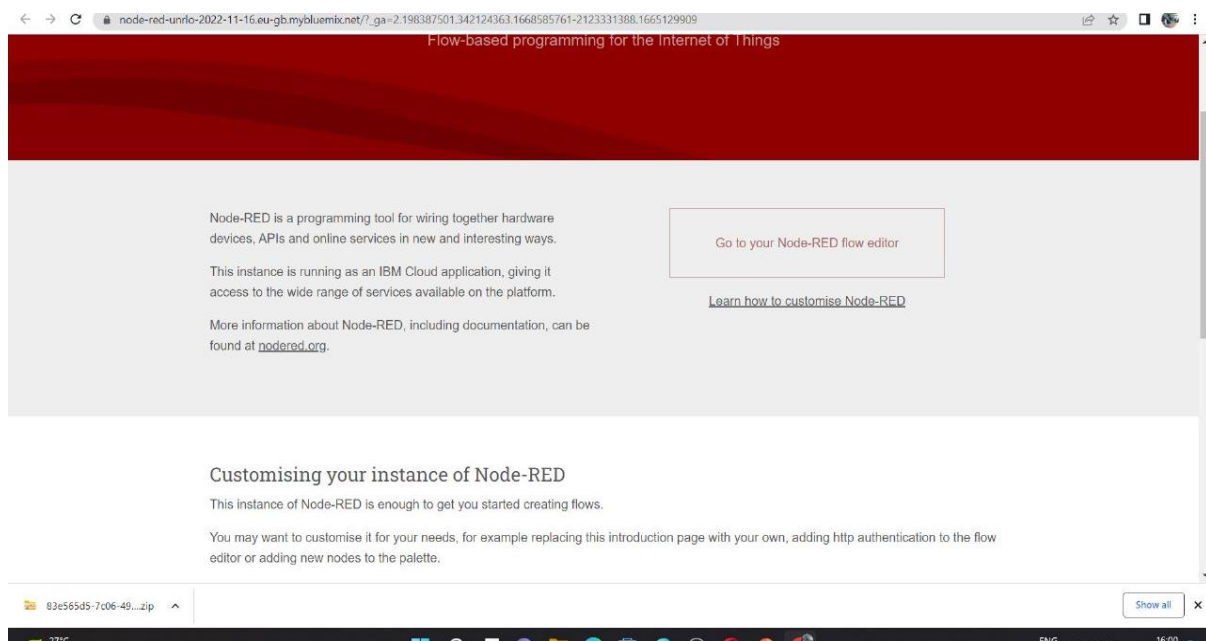
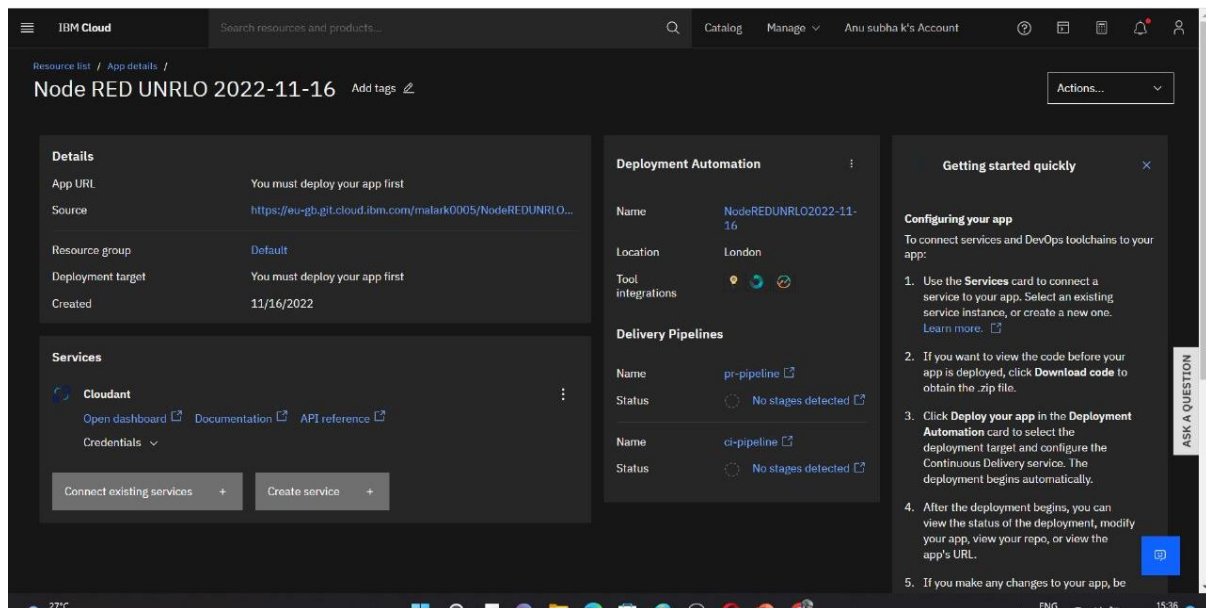
Step 3: Enter the project details and click on create



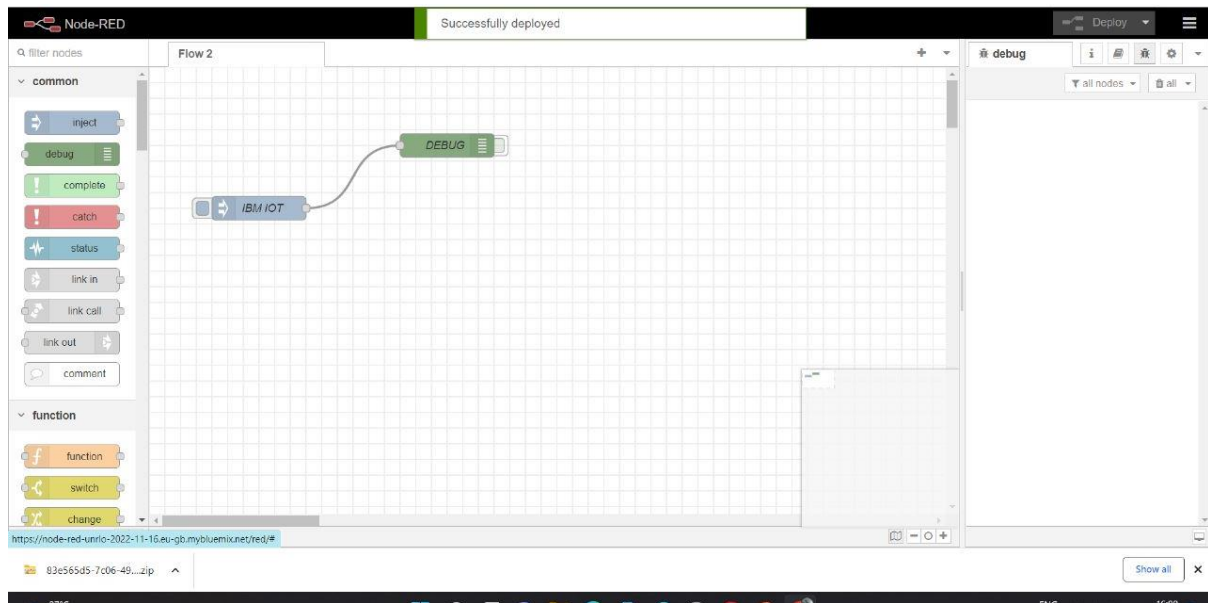
Step 4: click on deploy option and deploy



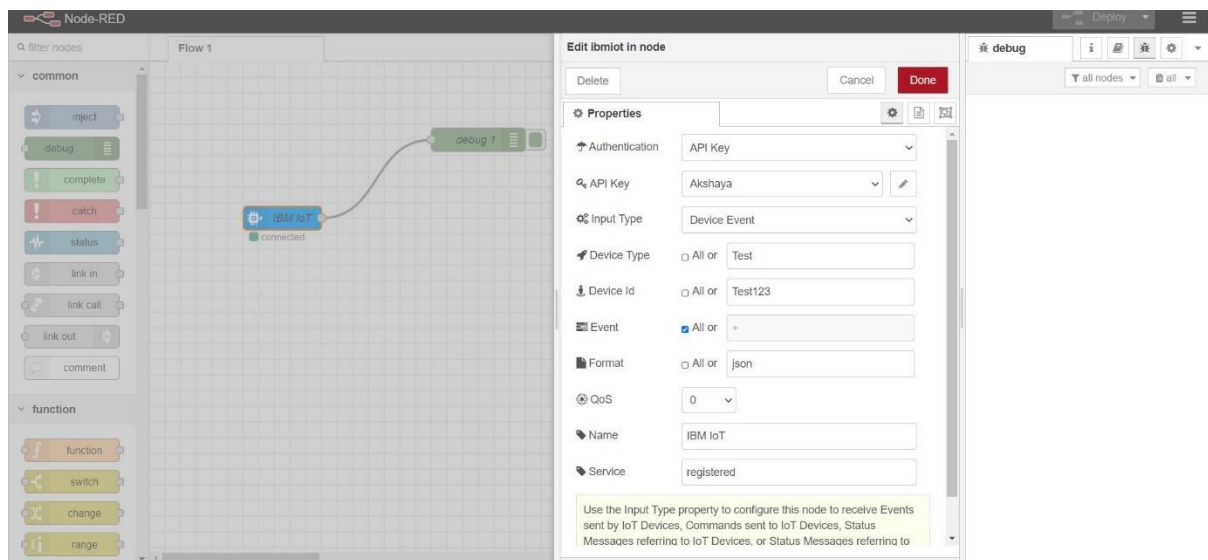
Step 5: Set up the environment for deploying and click on create



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

Node-RED interface showing a flow named "Flow 1". The flow consists of an "IBM IoT" node connected to a "debug 1" node. The "debug 1" node is highlighted in orange. The left sidebar shows the "common" and "function" node categories. The right sidebar shows the "debug" console with a list of messages:

```
11/2/2022, 8:57:33 PM node: debug 1
iot-2/type/TestId/Test123/ev/status/rmt/json : msg payload :
Object
> { temperature: 103, humidity: 31 }

11/2/2022, 8:57:35 PM node: debug 1
iot-2/type/TestId/Test123/ev/status/rmt/json : msg payload :
Object
> { temperature: 96, humidity: 76 }

11/2/2022, 8:57:37 PM node: debug 1
iot-2/type/TestId/Test123/ev/status/rmt/json : msg payload :
Object
> { temperature: 56, humidity: 90 }

11/2/2022, 8:57:39 PM node: debug 1
iot-2/type/TestId/Test123/ev/status/rmt/json : msg payload :
Object
> { temperature: -4, humidity: 13 }

11/2/2022, 8:57:41 PM node: debug 1
iot-2/type/TestId/Test123/ev/status/rmt/json : msg payload :
Object
> { temperature: 3, humidity: 19 }

11/2/2022, 8:57:43 PM node: debug 1
iot-2/type/TestId/Test123/ev/status/rmt/json : msg payload :
Object
> { temperature: 50, humidity: 37 }
```

Node-RED interface showing a flow named "Flow 1". The flow consists of an "IBM IoT" node connected to a "level" node and a "show notification" node. The "show notification" node is highlighted in orange. The left sidebar shows the "common" and "function" node categories. The right sidebar shows the "config" panel with a list of settings:

On all flows

- ibmiot
 - SWM: 1
 - TestGogul: 0
- ui_base
 - Node-RED Dashboard
- ui_group
 - [admin] Default: 1
 - [unassigned] Default: 0
- ui_tab
 - admin: 1

Flow 1

Flow 2

Flow 3