

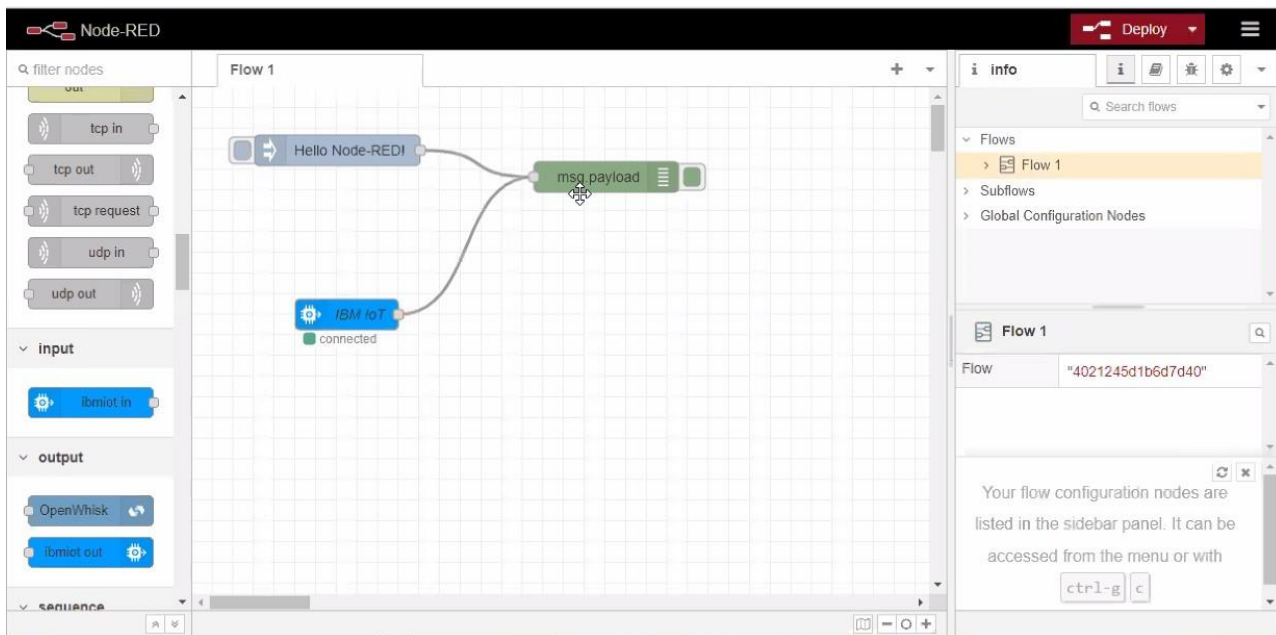
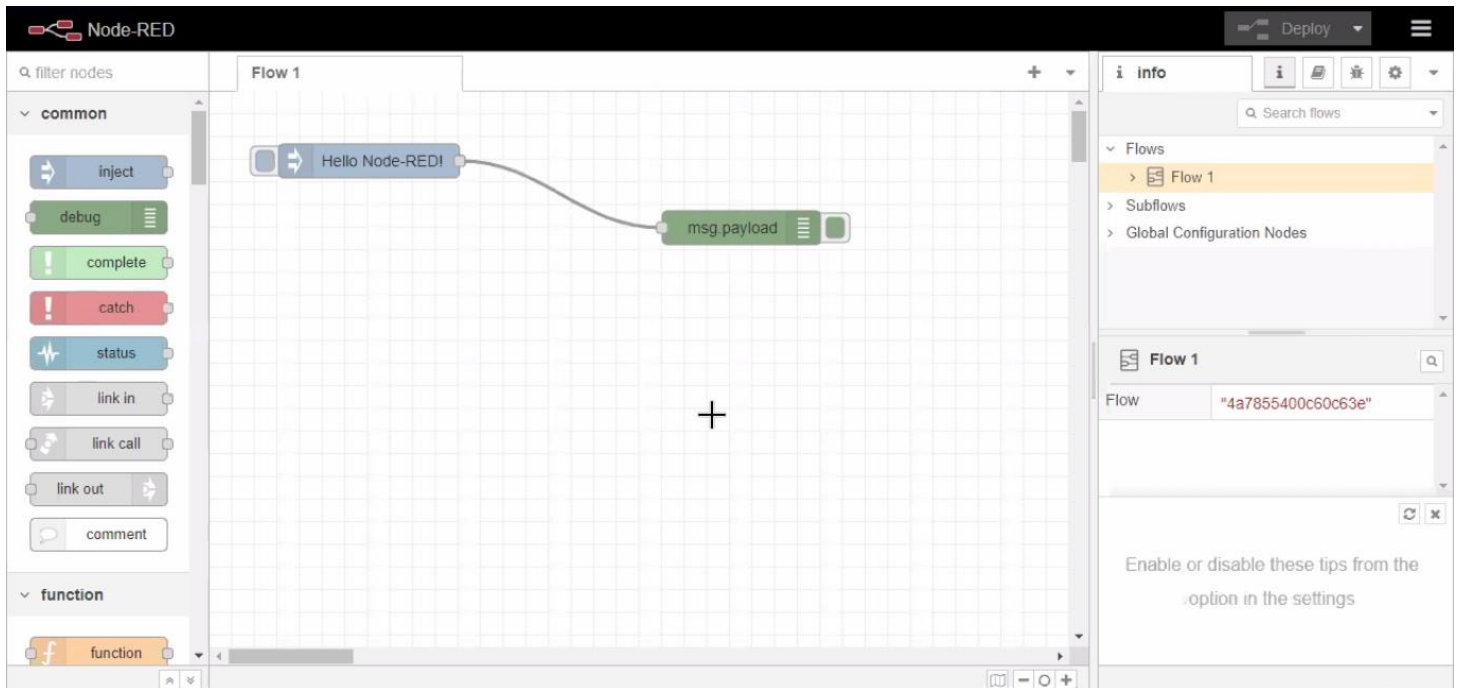
DEVELOP A WEB APPLICATION USING NODE-RED SERVICE

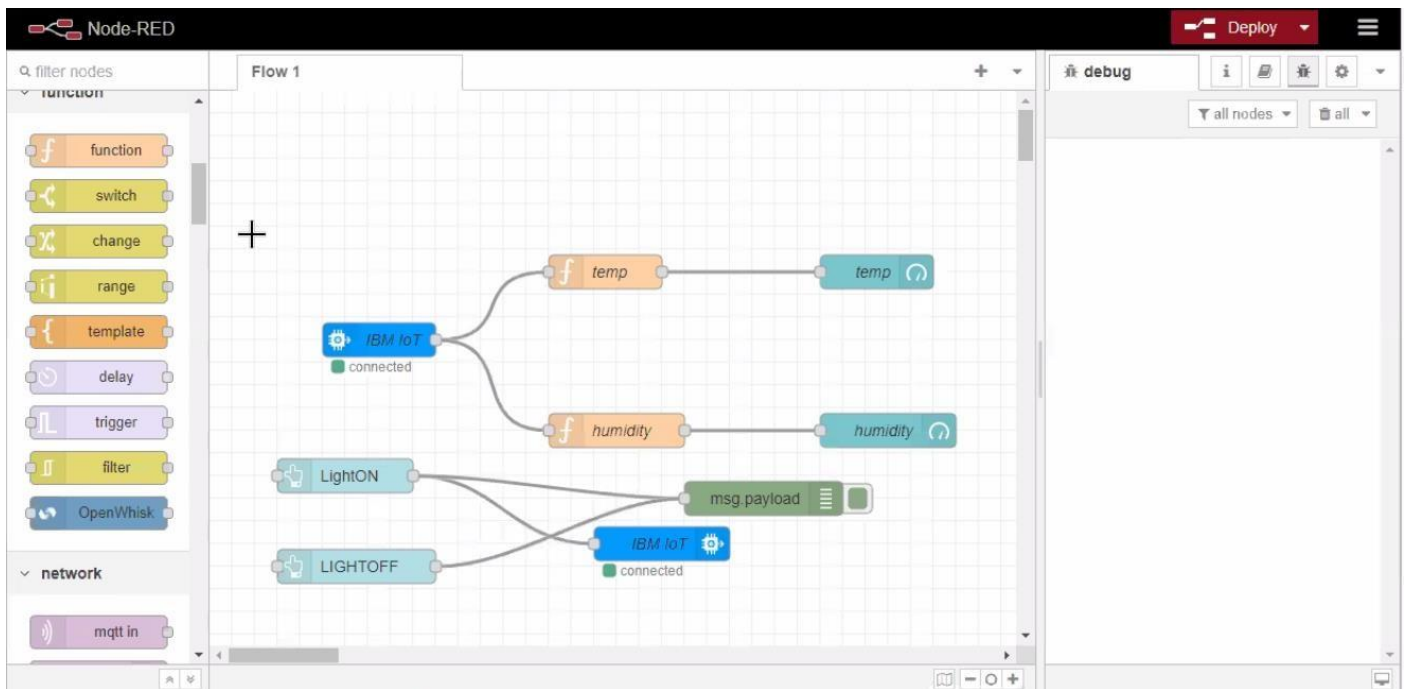
Develop a Web application using NODE-RED

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Team ID : PNT2022TMID07534

Project Name Project - SIGNS WITH SMART CONNECTIVITY FOR BETTER ROAD SAFETY





Browser tabs and address bar showing the Node-RED URL: node-red-uzhqs-2022-10-08-au-syd.mybluemix.net/red/#flow/4a7855400c60c63e

This screenshot shows the Node-RED interface with 'Flow 2' selected. The left sidebar shows the 'common' category with nodes like 'inject', 'debug', 'complete', 'catch', 'status', 'link in', 'link call', 'link out', and 'comment'. The 'function' category below it shows a 'function' node. In the workspace, a flow is shown with an 'inject' node connected to a 'my_inject_node' node, which then connects to a 'complete: 1' node. On the right, the 'Edit debug node' configuration panel is open. It has a 'Delete' button, 'Cancel', and 'Done' buttons. Under the 'Properties' section, the 'Output' is set to 'msg.payload', 'To' is checked for 'debug window' (with 'system console' and 'node status (32 characters)' unchecked), and the 'Name' is 'Output_node'. At the bottom of the panel, there is an 'Enabled' checkbox. To the right of the configuration panel is a 'config' panel showing a tree view of flows: 'On all flows', 'testing_flow', 'Flow 1', 'Flow 2', and 'Flow 3'. The 'testing_flow' is currently selected. The bottom of the image shows a Windows taskbar with the search bar, task view, and various application icons. The system tray shows the temperature as 33°C, 'Partly sunny', and the time as 2:37 AM on 10/16/2022.

Node-RED interface showing the configuration of an inject node. The node is named "testpox" and is configured to inject a message with payload "HI Deepika" and topic "a_z". The node is set to inject once after 0.1 seconds, then repeat. The debug console shows the injected message.

Properties:

- Name: testpox
- msg.payload: HI Deepika
- msg.topic: a_z
- Inject once after: 0.1 seconds, then
- Repeat: none
- Enabled: ☐

Debug Console:

```
11/4/2022, 10:34:02 AM node: yes
msg.payload: string[10]
"HI Deepika"
11/4/2022, 10:34:02 AM node: yes
msg.payload: string[10]
"HI Deepika"
11/4/2022, 10:34:02 AM node: yes
msg.payload: string[10]
"HI Deepika"
11/4/2022, 10:34:07 AM node: yes
msg.payload: string[10]
"HI Deepika"
11/4/2022, 10:34:07 AM node: yes
msg.payload: string[10]
"HI Deepika"
11/4/2022, 10:34:07 AM node: yes
msg.payload: string[10]
"HI Deepika"
11/4/2022, 10:34:07 AM node: yes
msg.payload: string[10]
"HI Deepika"
```

Node-RED interface showing the flow configuration. The flow is named "testpox" and is configured to inject a message with payload "HI Deepika" and topic "a_z". The flow is set to inject once after 0.1 seconds, then repeat. The debug console shows the injected message.

Flow Configuration:

- Inject node: testpox
- Repeat node: yes

Debug Console:

```
11/4/2022, 10:34:02 AM node: yes
msg.payload: string[10]
"HI Deepika"
11/4/2022, 10:34:02 AM node: yes
msg.payload: string[10]
"HI Deepika"
11/4/2022, 10:34:02 AM node: yes
msg.payload: string[10]
"HI Deepika"
11/4/2022, 10:34:07 AM node: yes
msg.payload: string[10]
"HI Deepika"
11/4/2022, 10:34:07 AM node: yes
msg.payload: string[10]
"HI Deepika"
11/4/2022, 10:34:07 AM node: yes
msg.payload: string[10]
"HI Deepika"
11/4/2022, 10:34:07 AM node: yes
msg.payload: string[10]
"HI Deepika"
```