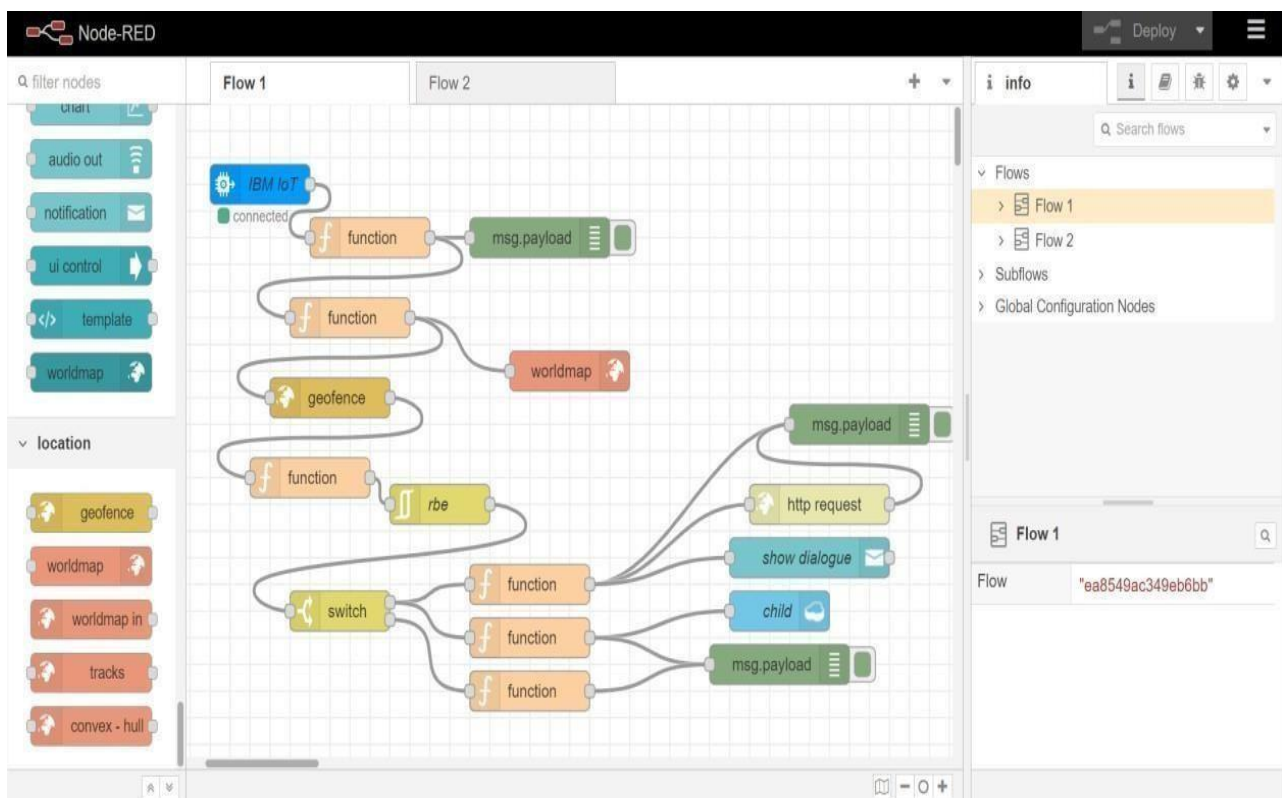


Project Development Phase SPRINT-3

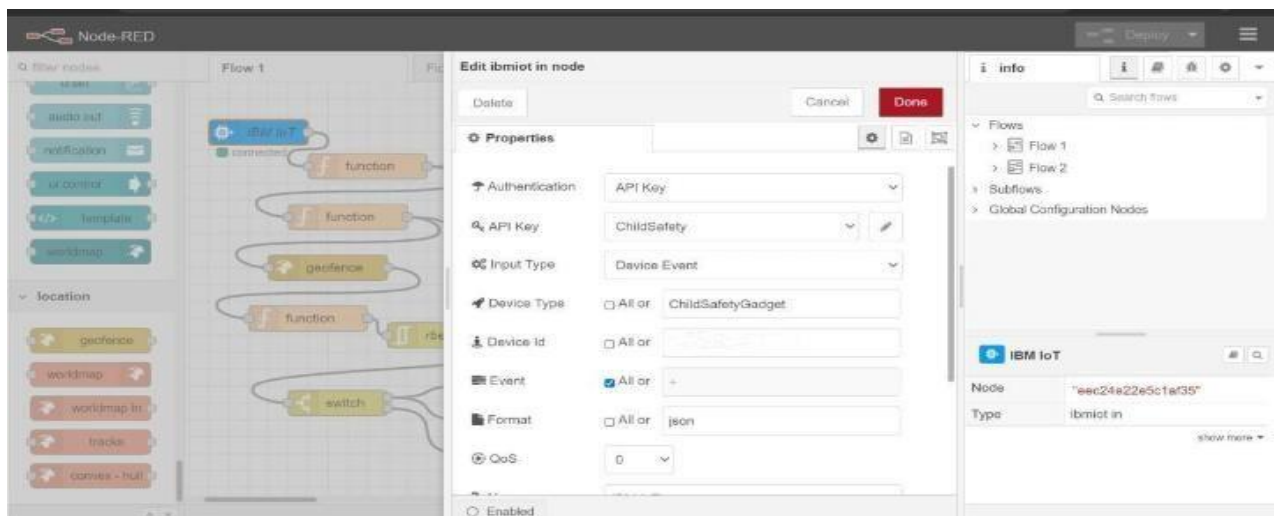
Date	8 November 2022
Team ID	PNT2022TMID10467
Project Name	Project - IOT Based Safety Gadget for Child Safety Monitoring&Notification

NODE RED-Cloudant DB Communication:

Step 1:Connections



Step 2: Code in nodes



Step 3:Edit function mode(code)

Node-RED interface showing the 'Edit function node' dialog. The 'On Message' tab is selected, and the code is as follows:

```
1 var name = msg.payload.name
2 var lat = msg.payload.lat
3 var lon = msg.payload.lon
4 global.set('latitude', lat)
5 global.set('longitude', lon)
6 global.set('name', name)
7 return msg;
```

The right sidebar shows the 'info' panel with a search bar and a list of flows: Flow 1, Flow 2, Subflows, and Global Configuration Nodes. Below the list, the node is identified as 'function: 76ec77ccd270c2c7' with a Node ID of '76ec77ccd270c2c7' and Type 'function'.

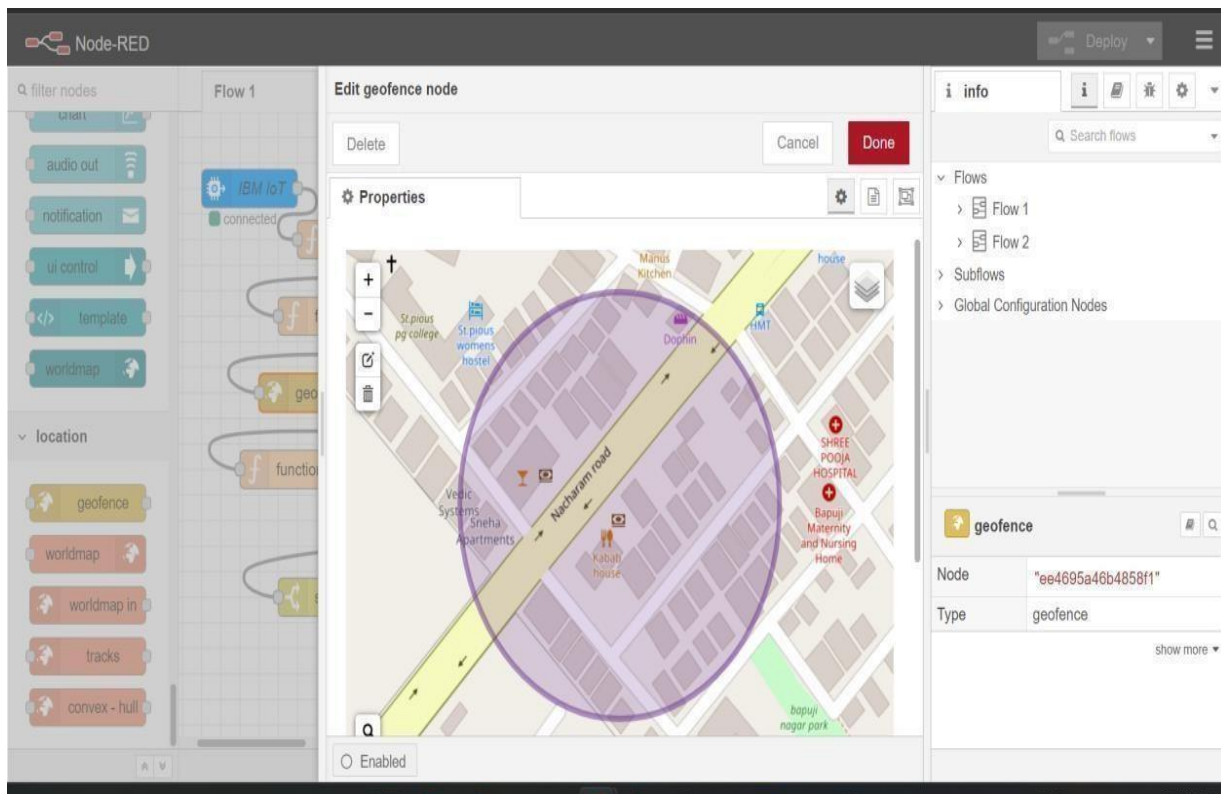
Step 4:

Node-RED interface showing the 'Edit function node' dialog. The 'On Message' tab is selected, and the code is as follows:

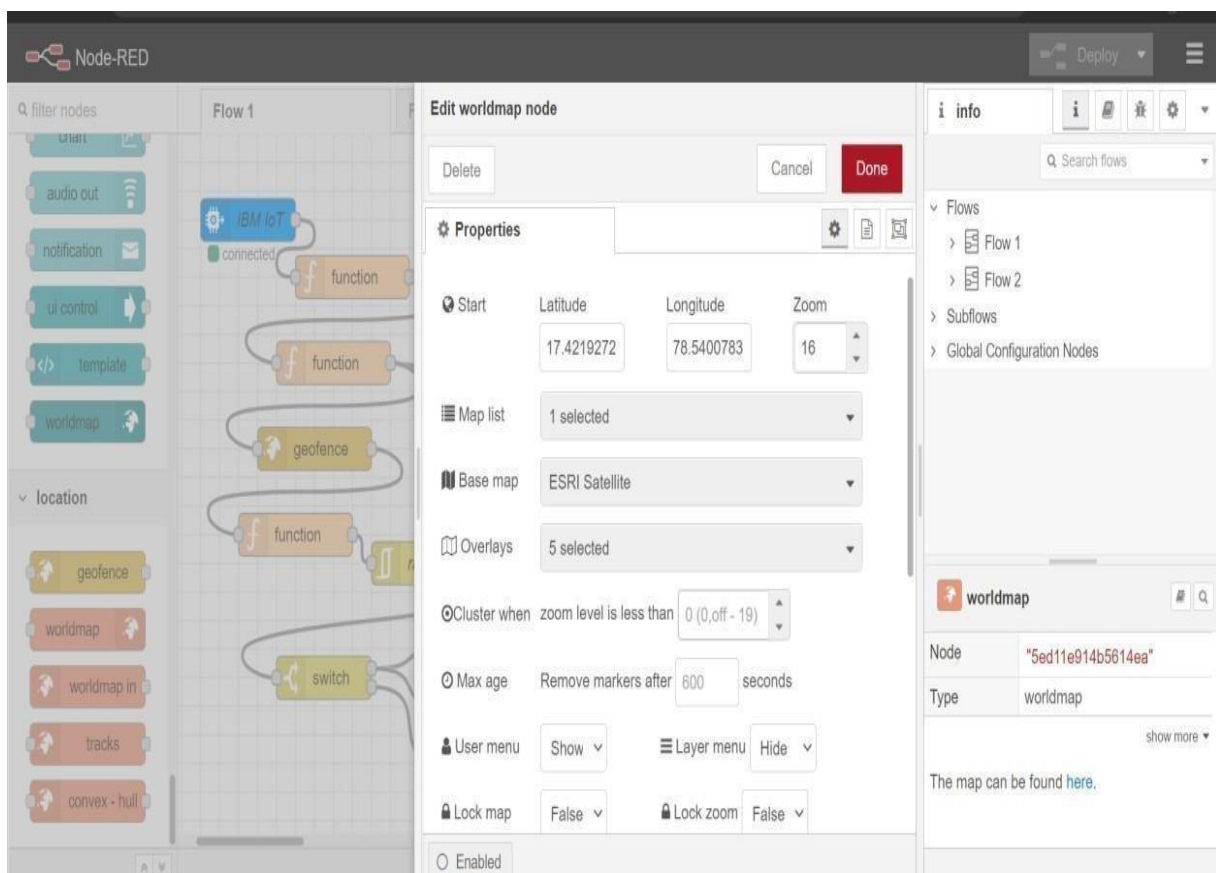
```
1 msg.payload={
2   'name':global.get('name'),
3   'lat':global.get('latitude'),
4   'lon': global.get('longitude')
5 }
6 return msg;
```

The right sidebar shows the 'info' panel with a search bar and a list of flows: Flow 1, Flow 2, Subflows, and Global Configuration Nodes. Below the list, the node is identified as 'function: 77b707bf262aa6f4' with a Node ID of '77b707bf262aa6f4' and Type 'function'.

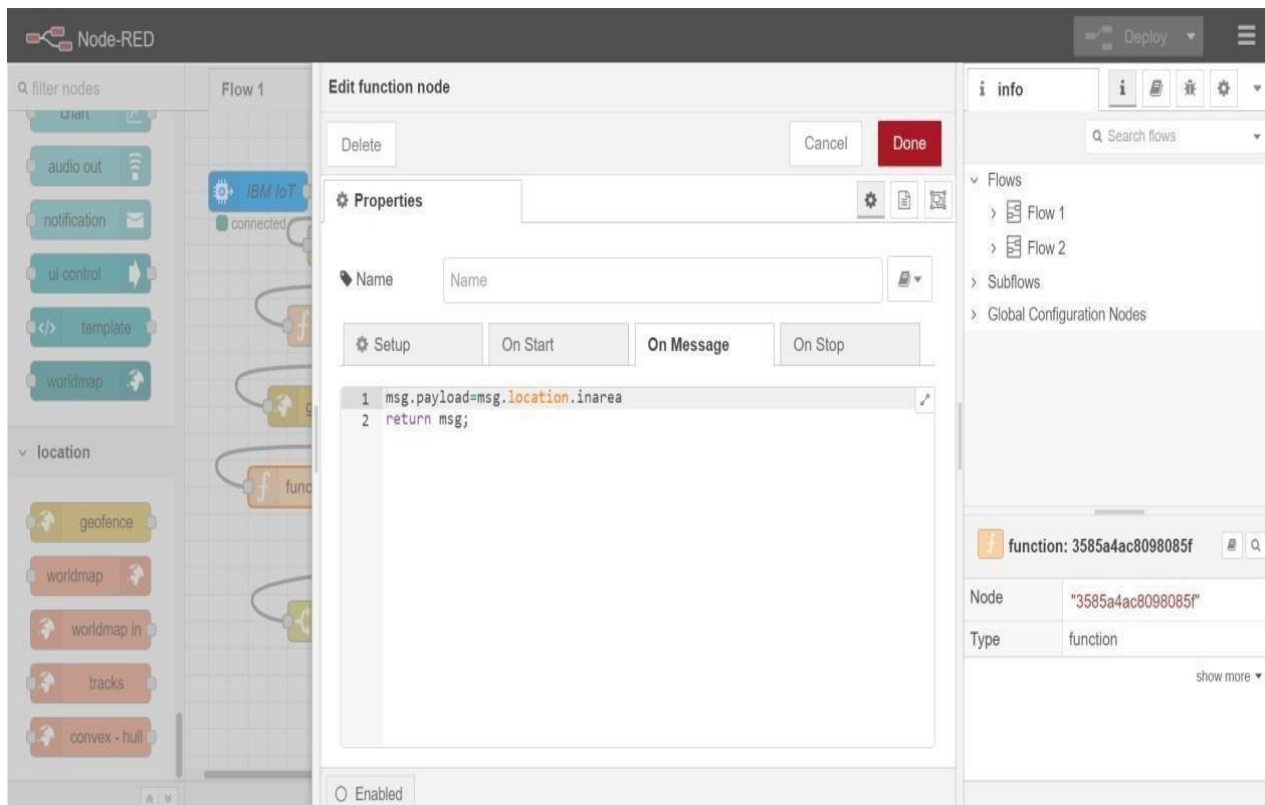
Step 5: Geofencing mode



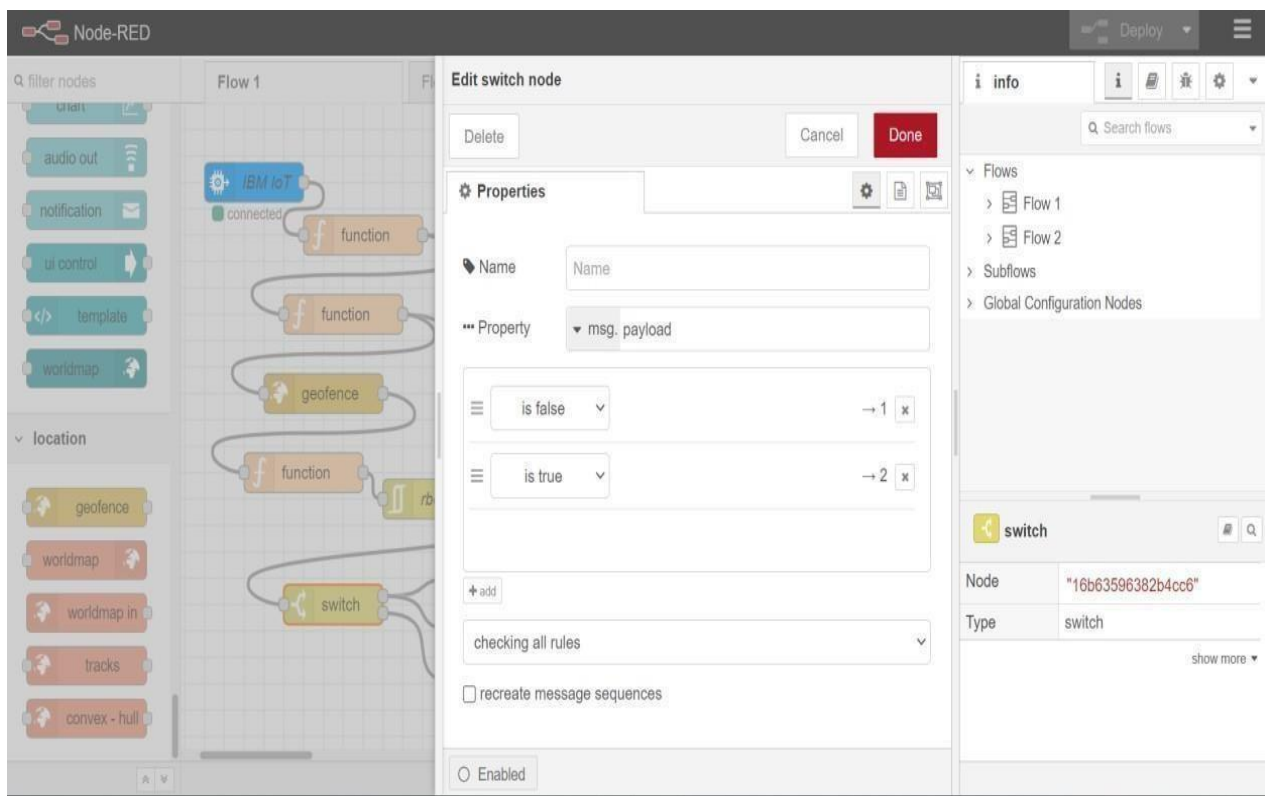
Step 6: Worldmap node with properties



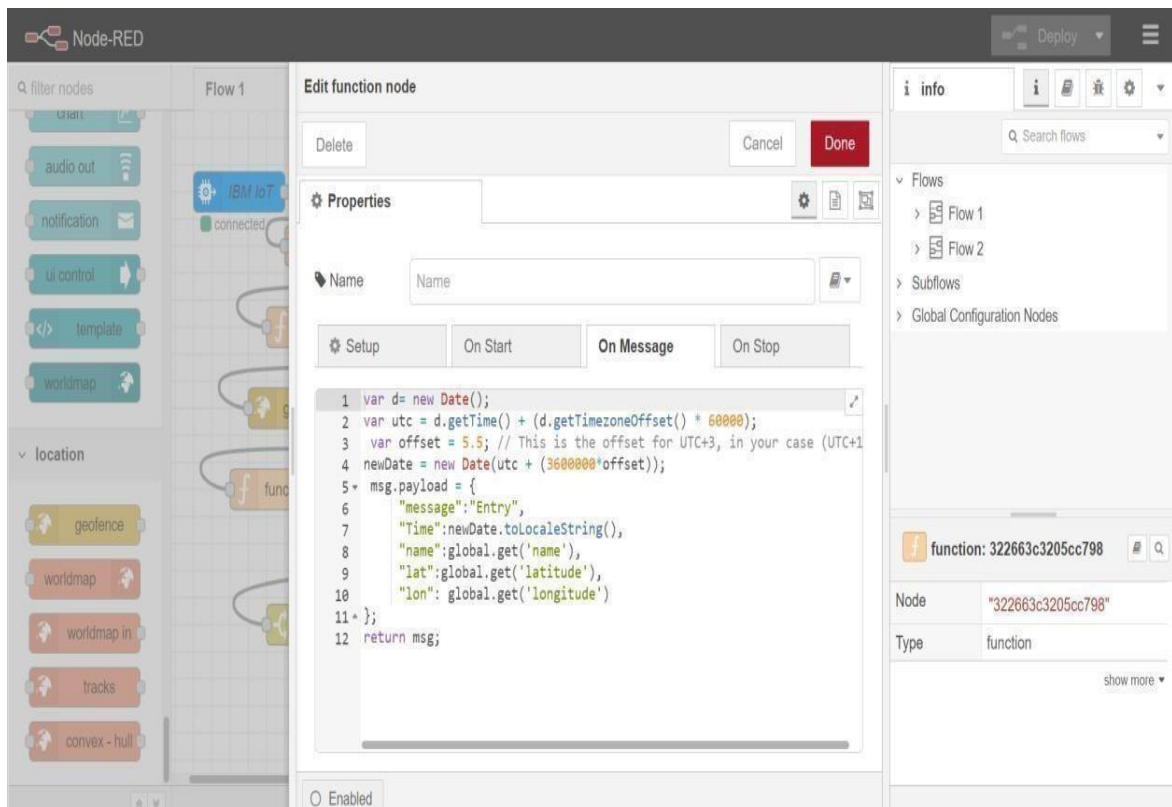
Step 7: Apply the code with different node



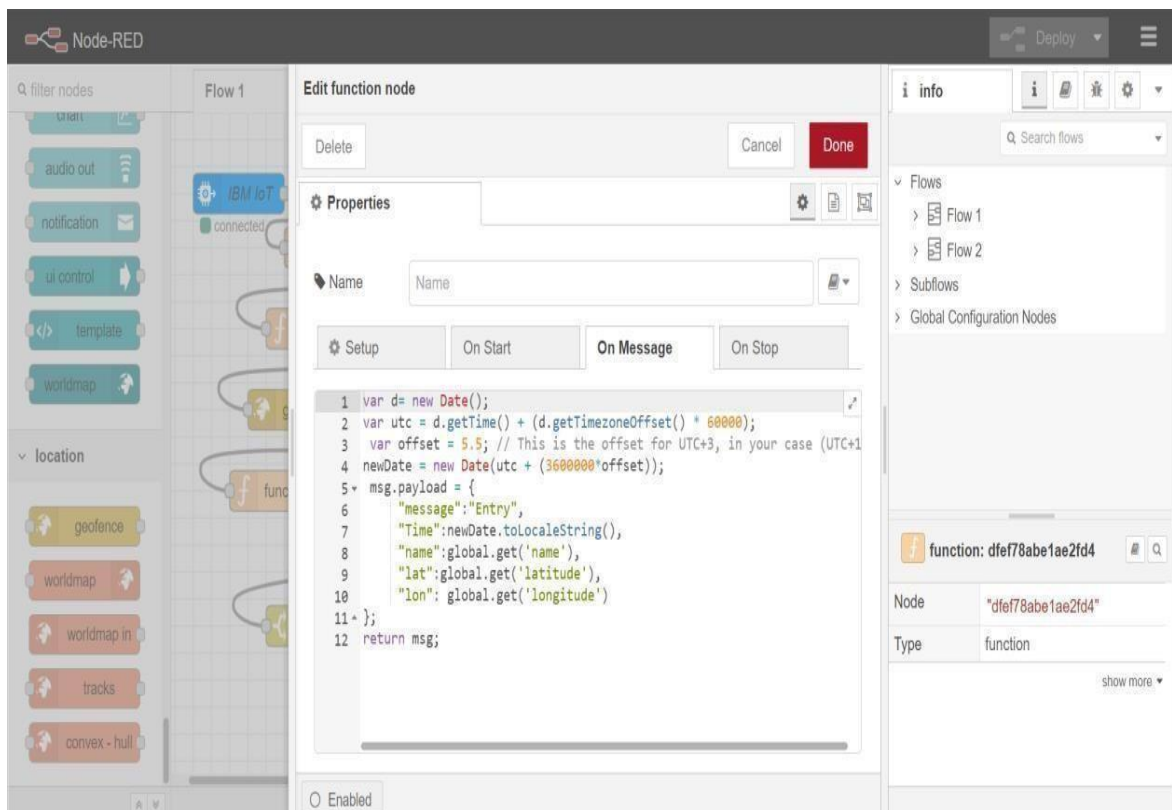
Step 8:Code with different node



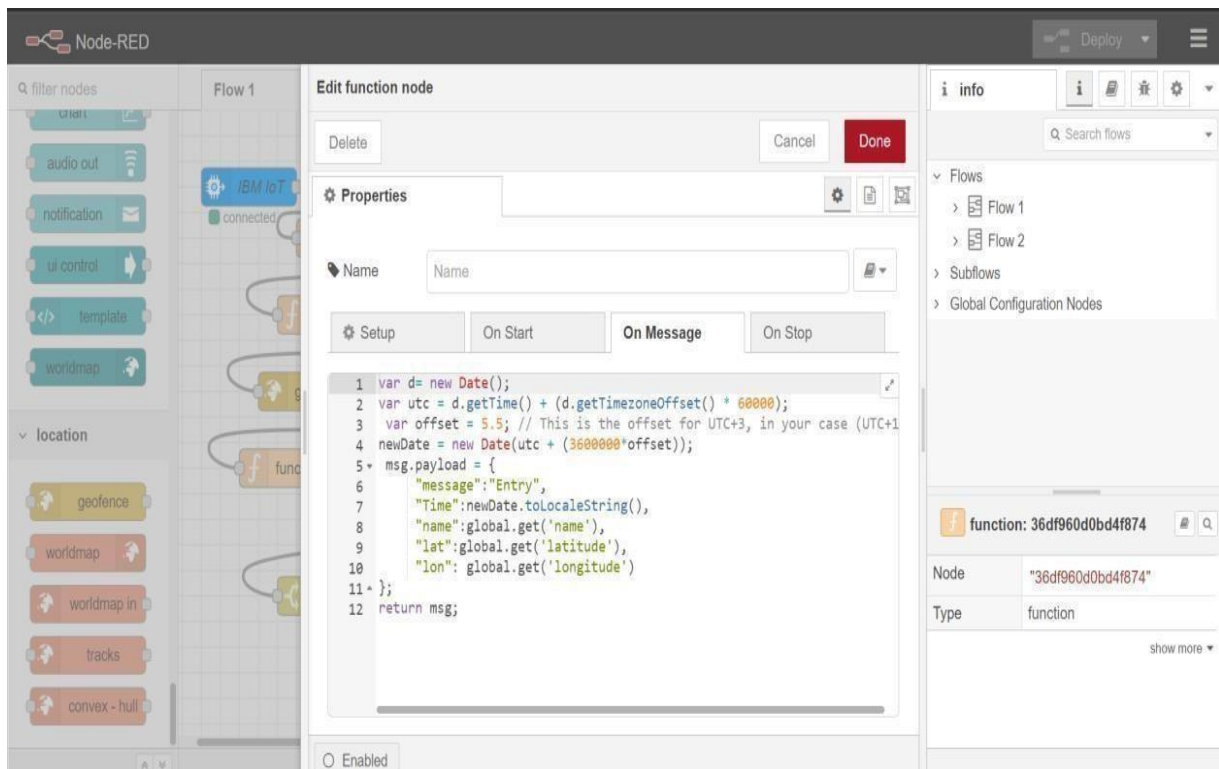
Step 9:Code with different node



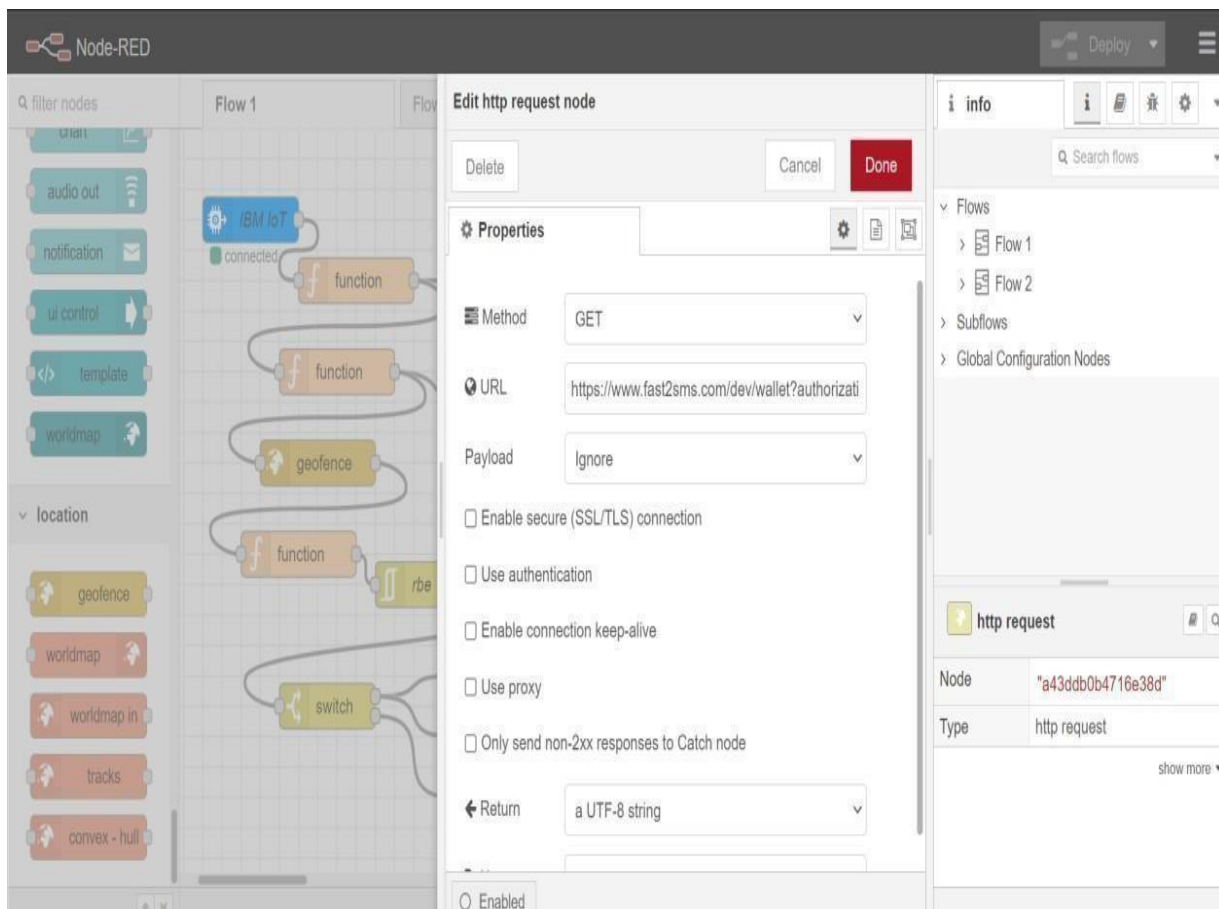
Step 10:code with different node



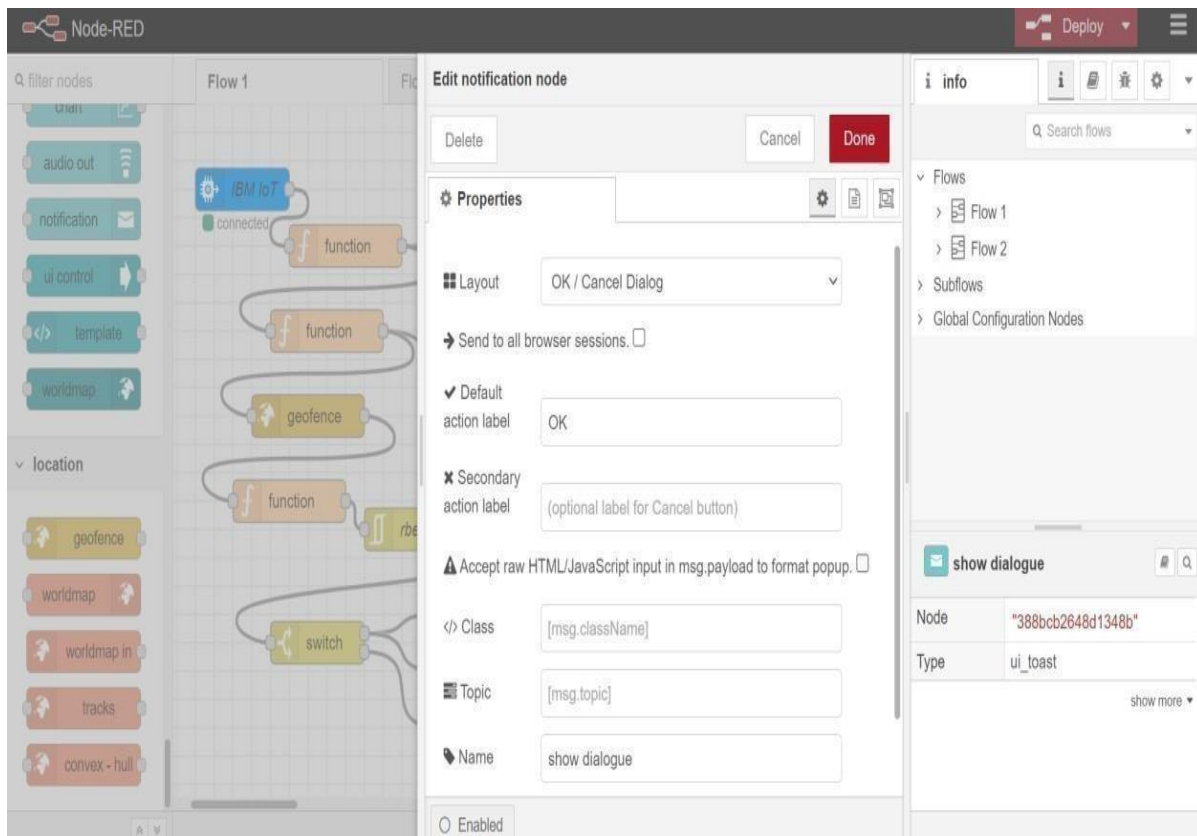
Step 11:Code with different node



Step 12:Http request node->properties



Step 13:Notification node



Step 14: Cloudant node

