

Project Development Phase

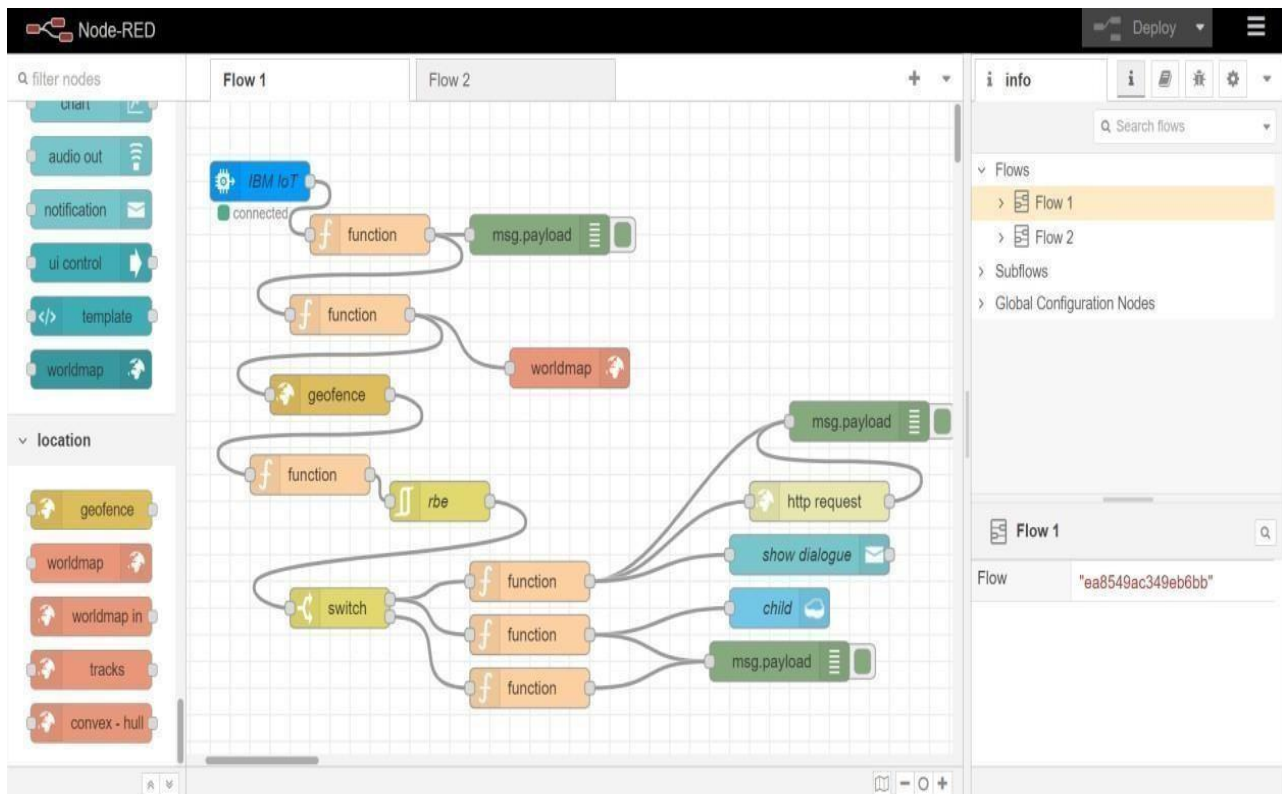
SPRINT-3

Date	8 November 2022
Team ID	PNT2022TMID44574
Project Name	Project - IOT Based Safety Gadget for ChildSafety Monitoring&Notification

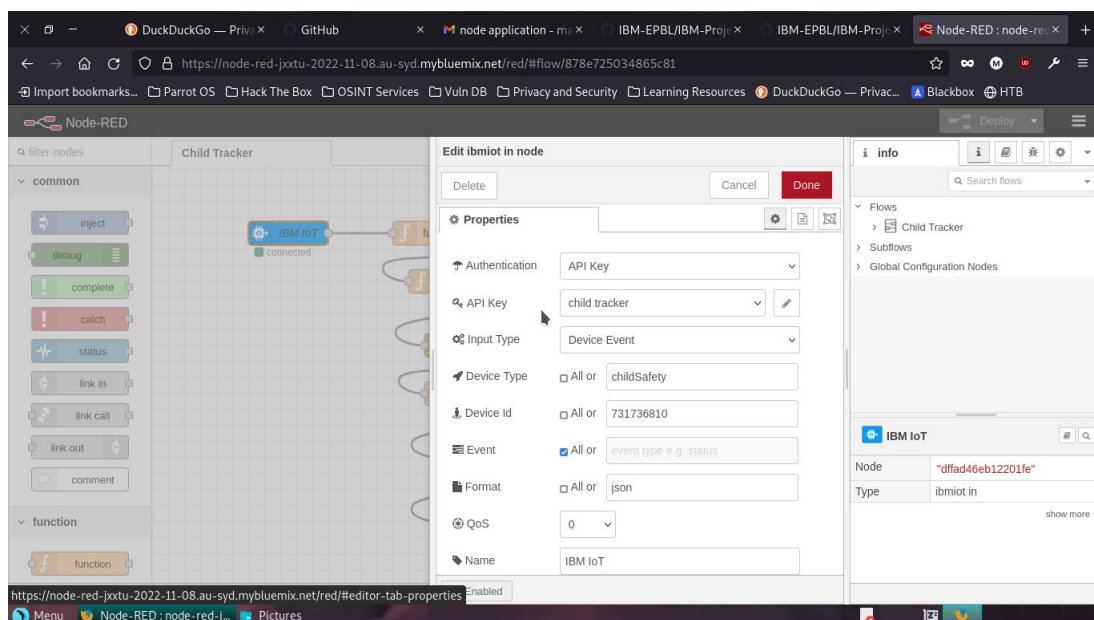
NODE RED-Cloudant DB

Communication: Step

1:Connections



Step 2: Code in nodes



Step 3:Edit function mode(code)

The screenshot shows the Node-RED web interface. On the left, a sidebar contains a 'filter nodes' search bar and a list of nodes categorized by type (e.g., 'location' includes 'geofence', 'worldmap', 'tracks', 'convex-hull'). The main workspace displays 'Flow 1' with a sequence of nodes: 'IBM IoT' (connected), 'function' (selected), and 'worldmap'. The 'Edit function node' dialog is open, showing the 'On Message' tab. The code in the editor 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). Below this, the selected function node is identified by its ID '76ec77ccd270c2c7' and its type 'function'.

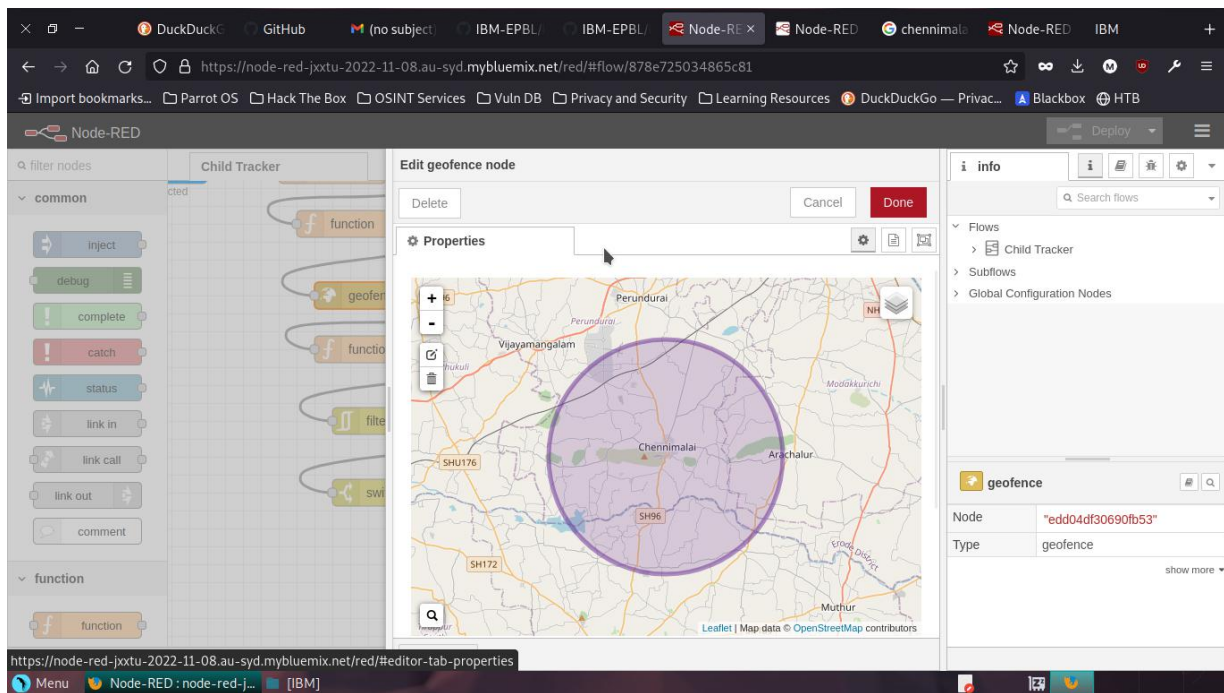
Step 4:

The screenshot shows the Node-RED web interface with the 'Edit function node' dialog open, displaying the 'On Message' tab. The code in the editor is as follows:

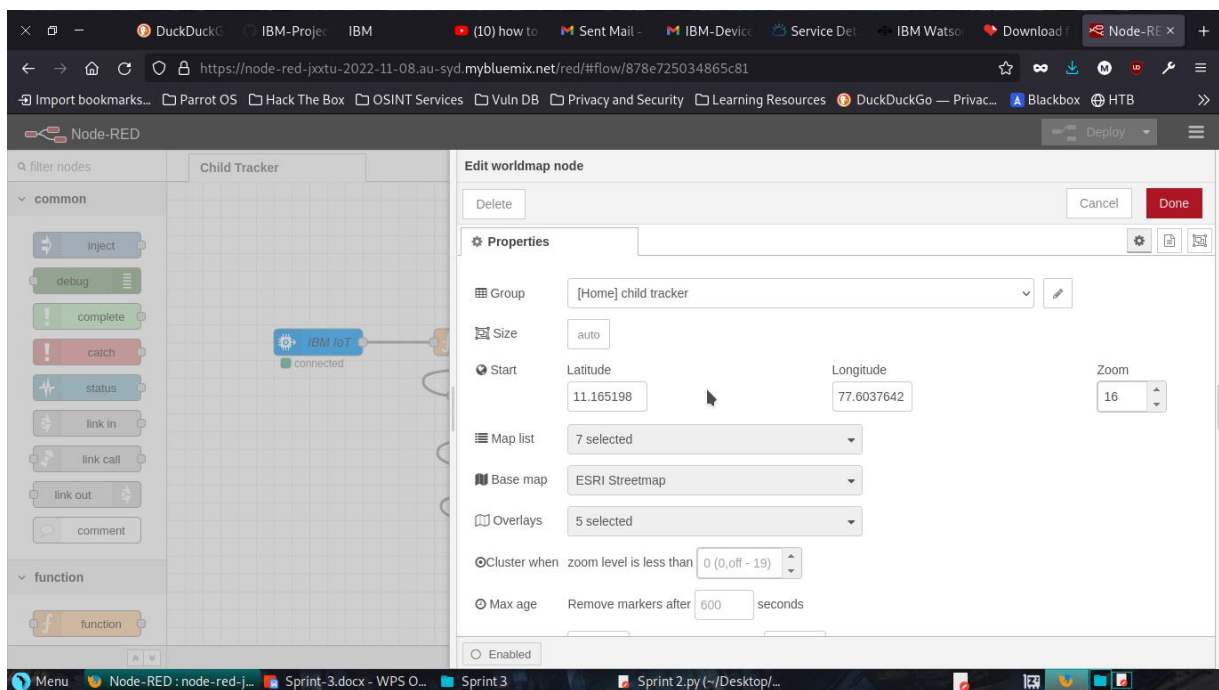
```
1 msg.payload={
2   'name':global.get('name'),
3   'lat':global.get('latitude'),
4   'lon': global.get('longitude')
5 }
6 return msg;
```

The right sidebar shows the 'info' panel with the selected function node identified by its ID '77b707bf262aa6f4' and its type 'function'.

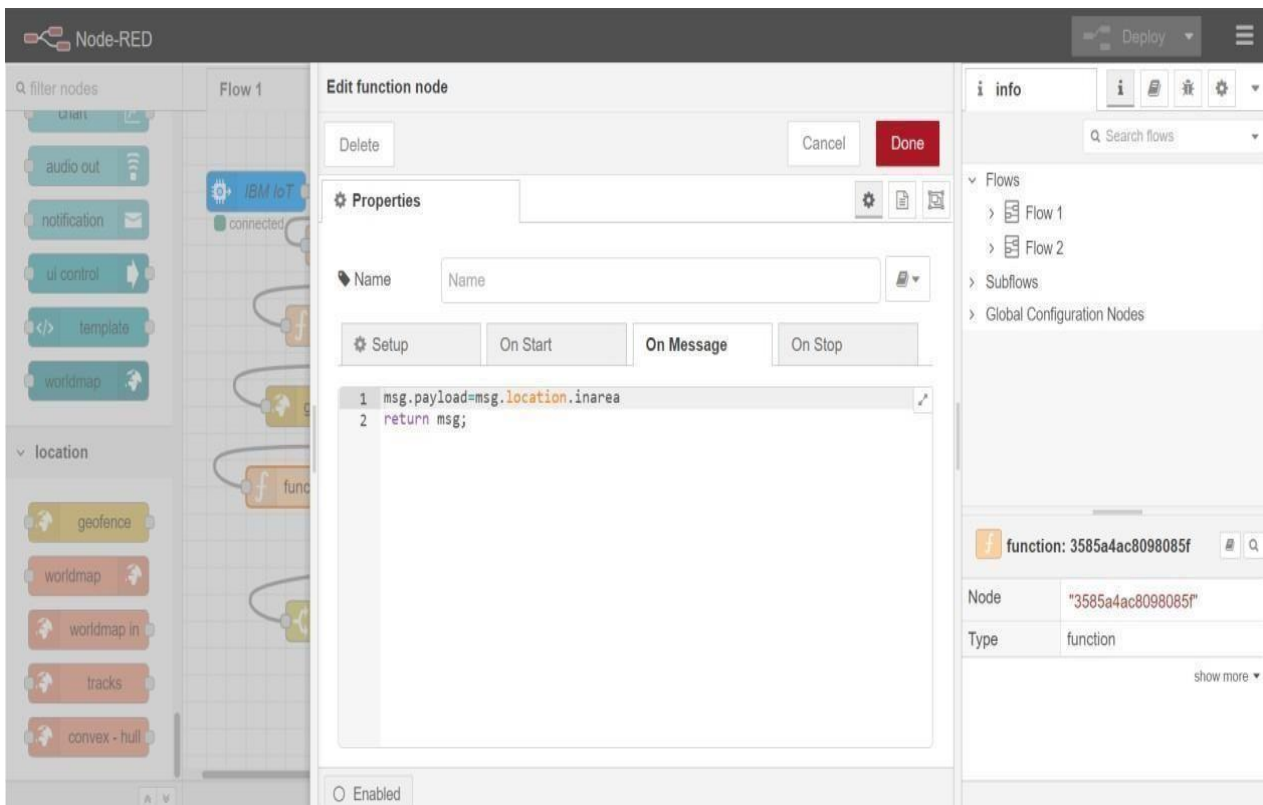
Step 5:



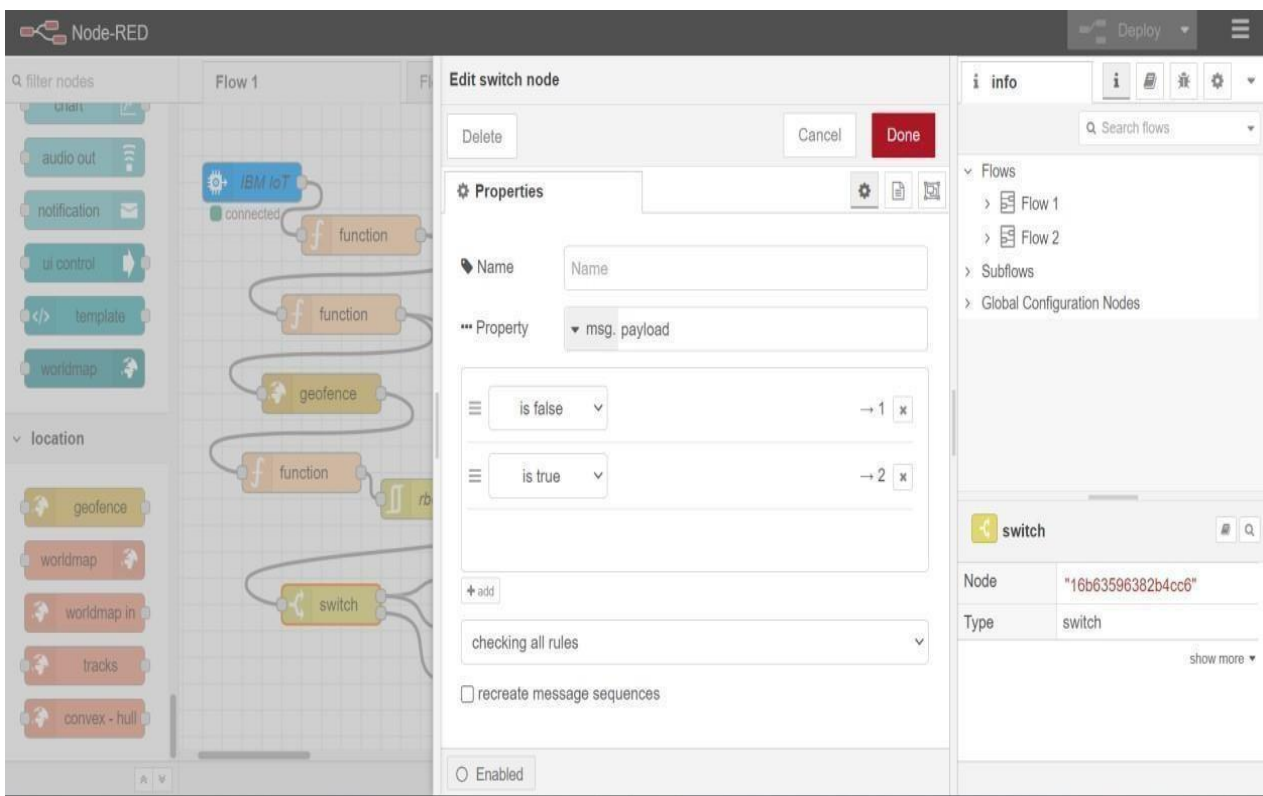
Step 6: Worldmap node with properties



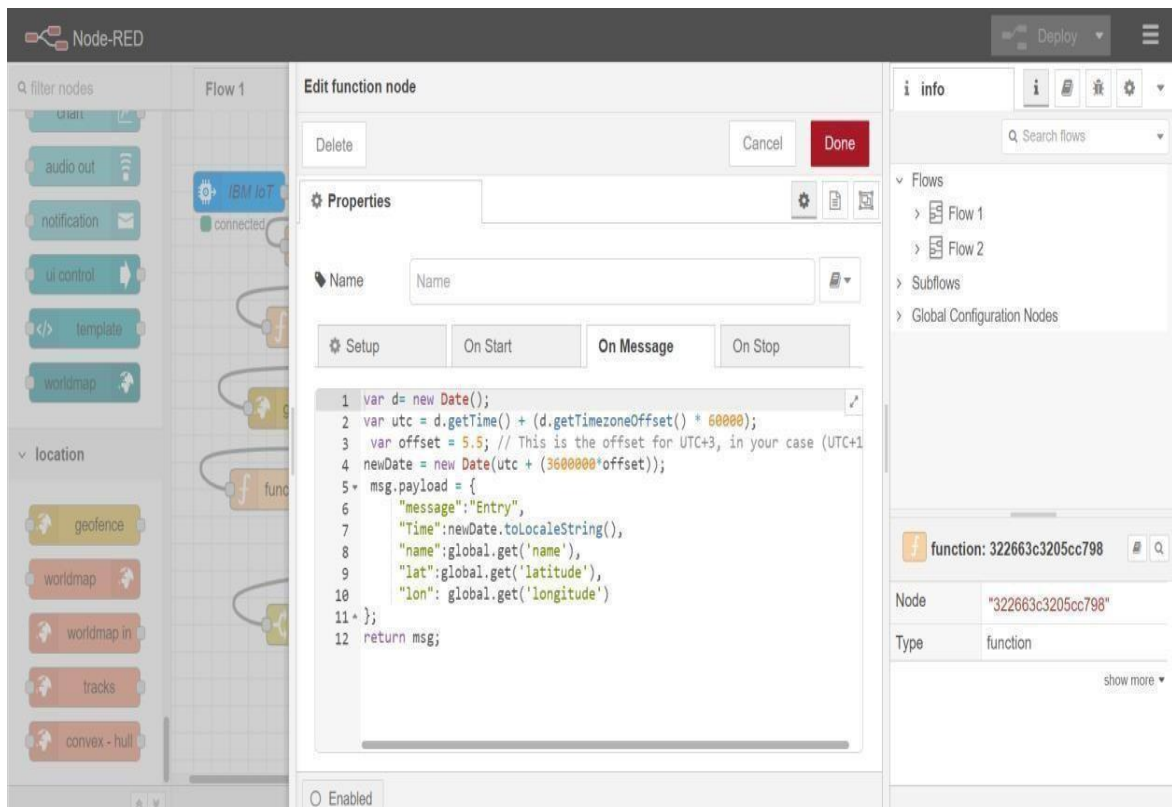
Step 7: Apply the code with



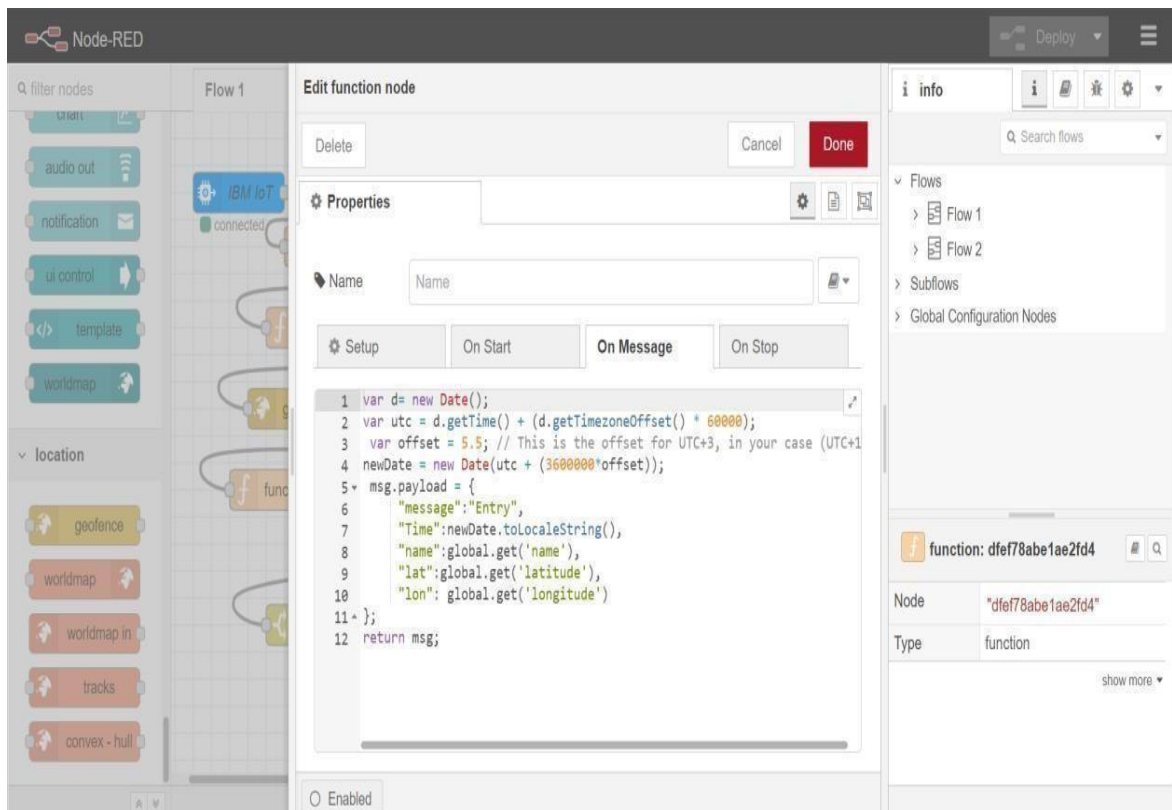
Step 8:Code with different node



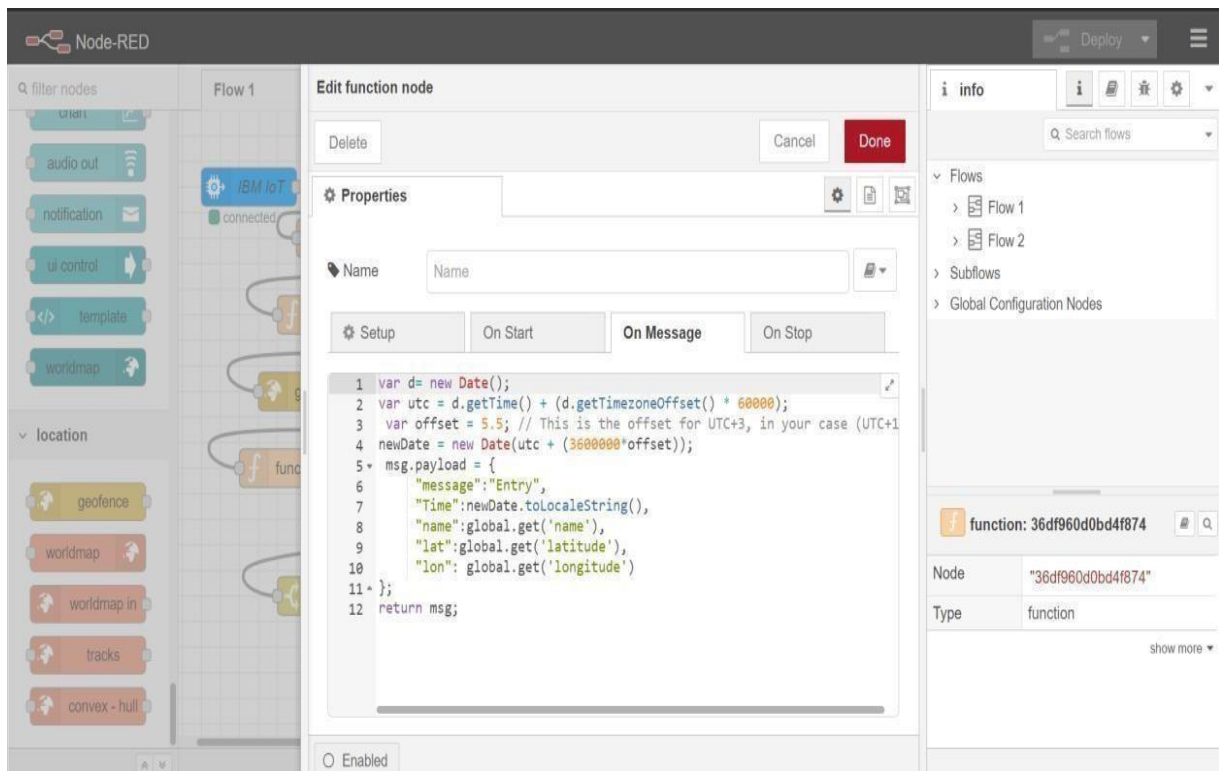
Step 9:Code with



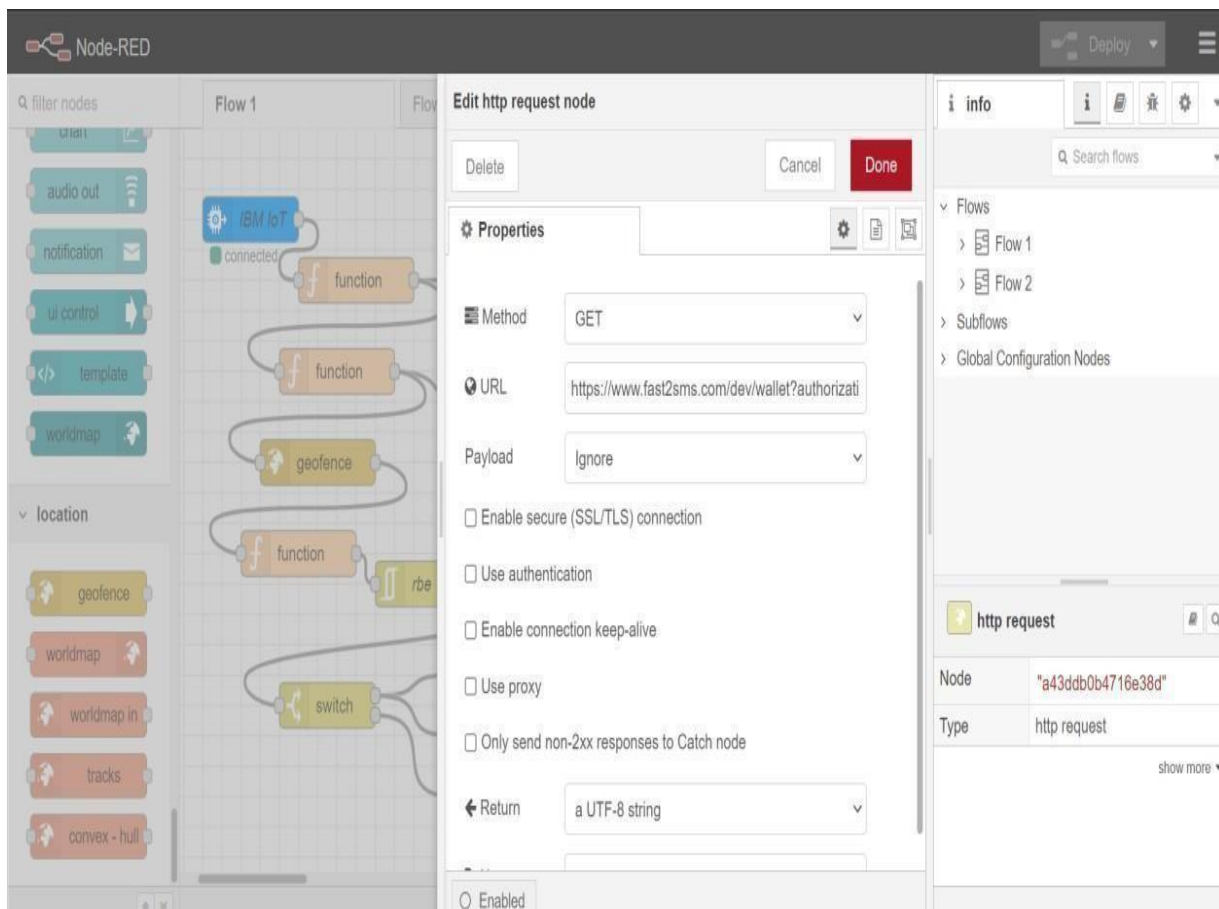
Step 10:code with different node



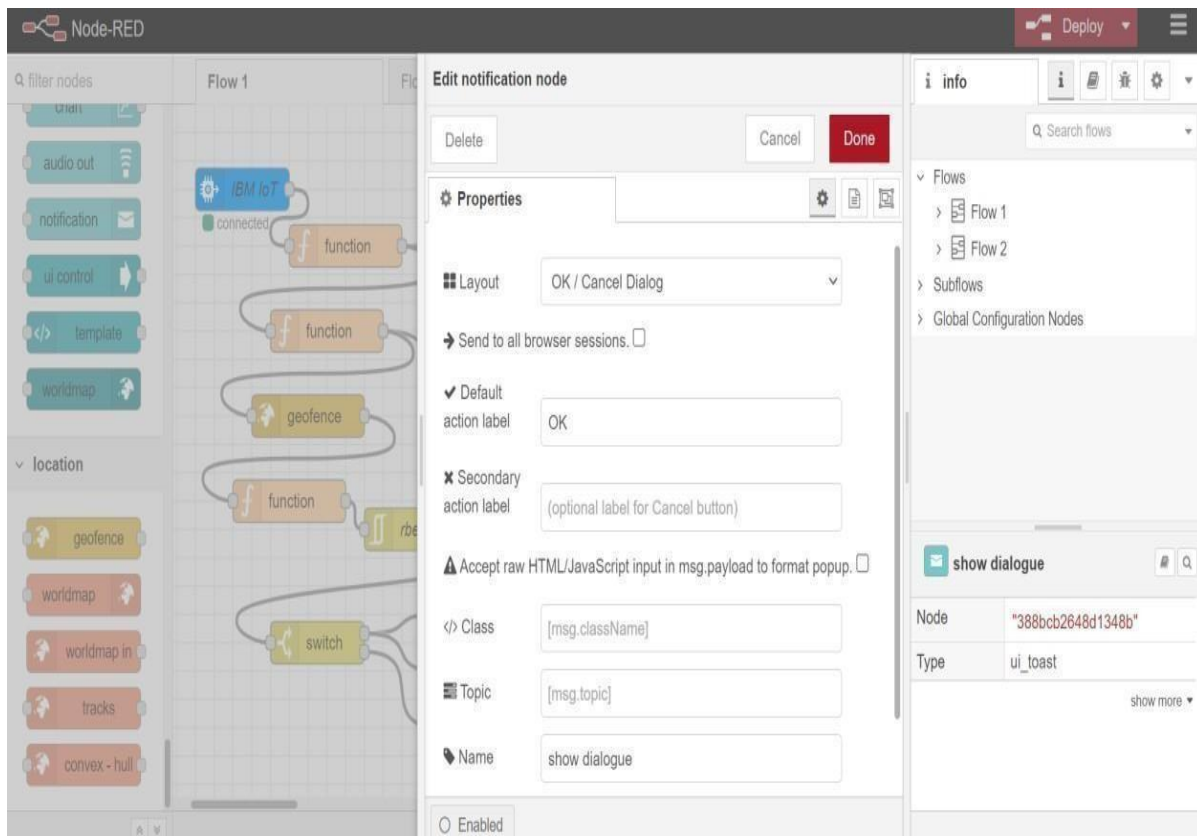
Step 11:Code with



Step 12: Http request node->properties



Step



Step 14: Cloudant node

