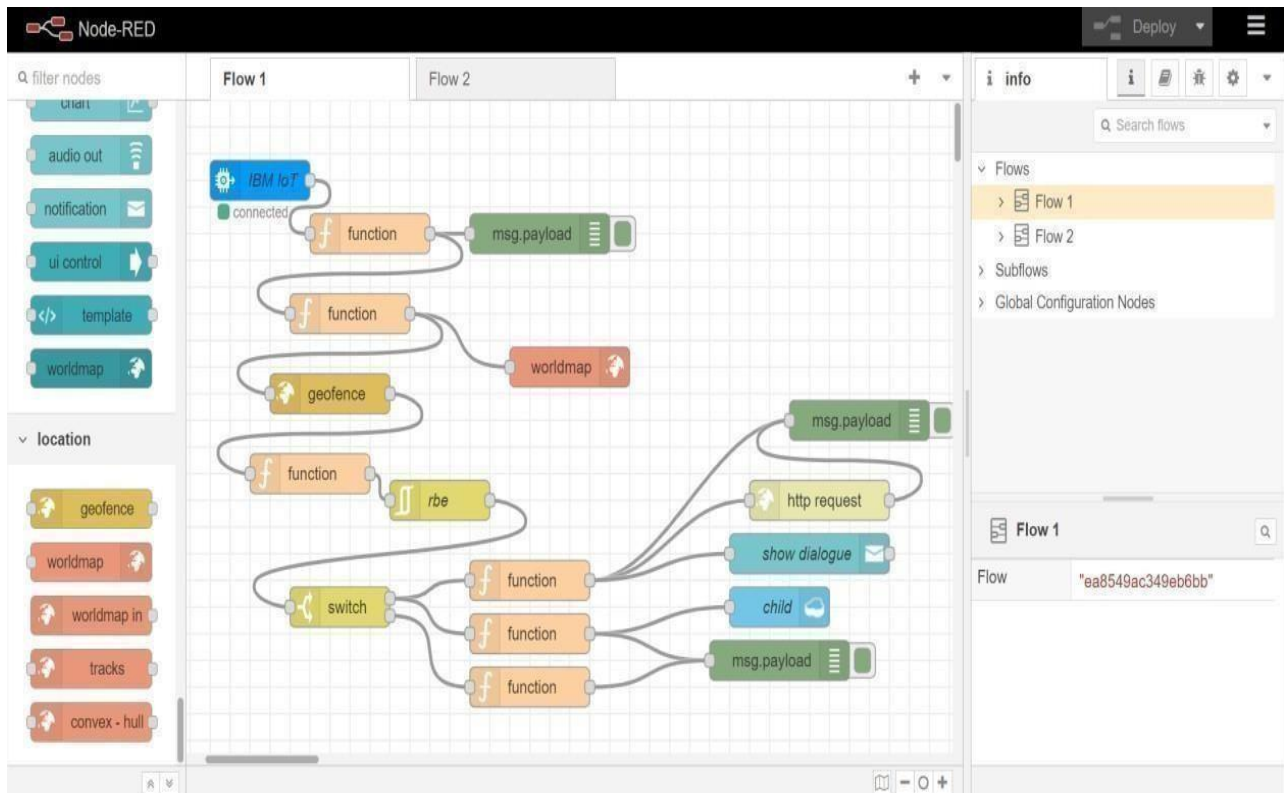


Project Development Phase SPRINT-3

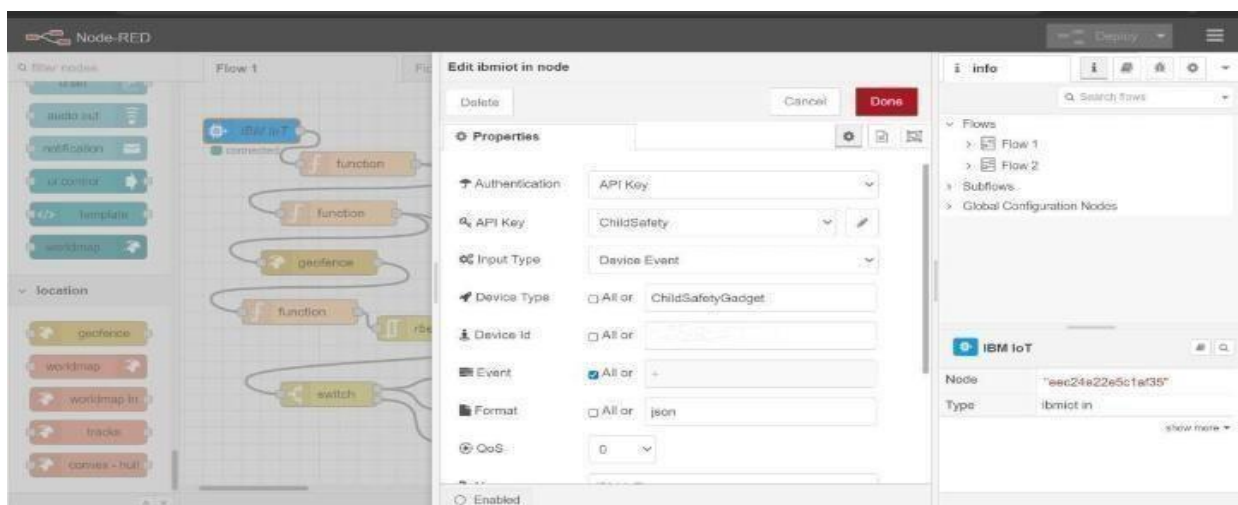
Date	19 November 2022
Team ID	PNT2022TMID06124
Project Name	Project - IOT Based Safety Gadget for Child Safety Monitoring&Notification

NODE RED-Cloudant DB Communication:

Step 1:Connections



Step 2: Code in nodes



Step 3:Edit function mode(code)

Node-RED interface showing Step 3: Edit function mode(code). The 'Edit function node' panel is open, displaying a JavaScript function that sets global variables for name, latitude, and longitude from the message payload and returns the message. The 'On Message' tab is selected. The right sidebar shows the 'info' panel with a search bar and a list of flows and subflows.

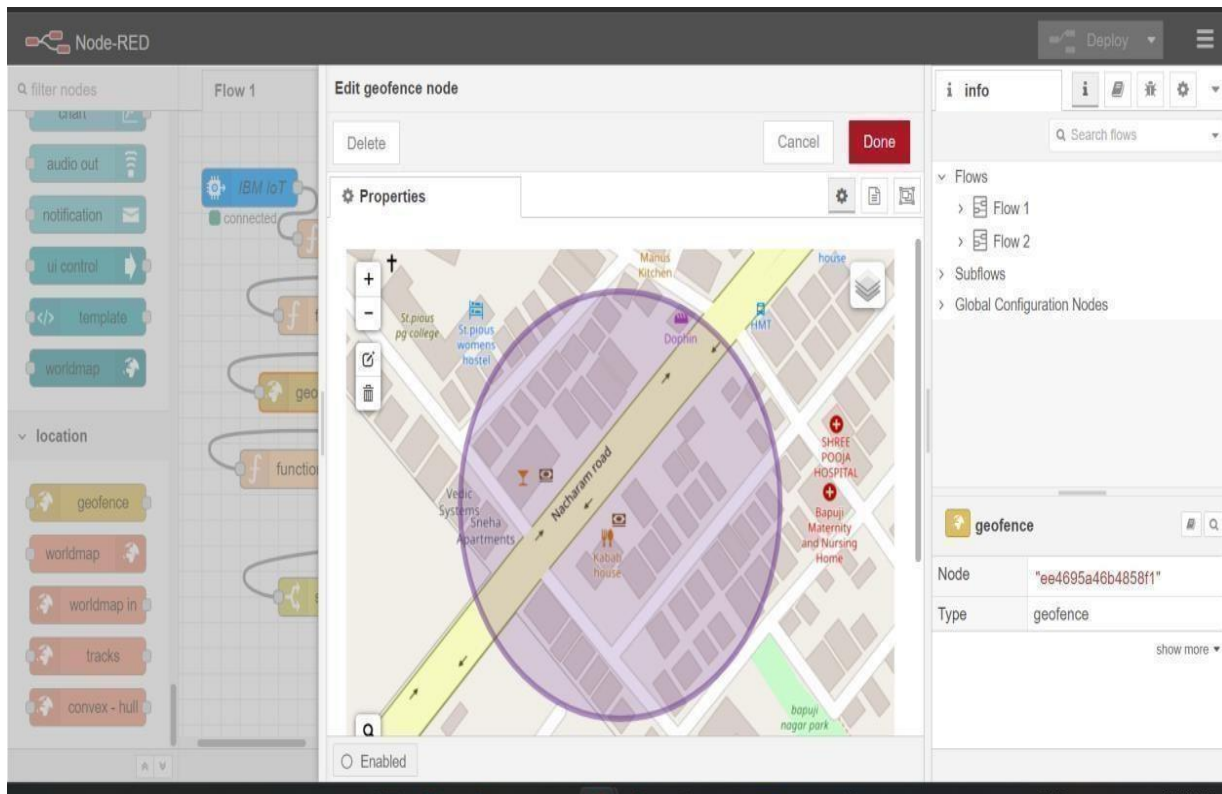
```
1 var name = msg.payload.name
2 var lat = msg.payload.lat
3 var lon = msg.payload.lon
4 global.set('latitude', lat)
5 global.set('longitude', lon)
6 global.set('name', name)
7 return msg;
```

Step 4:

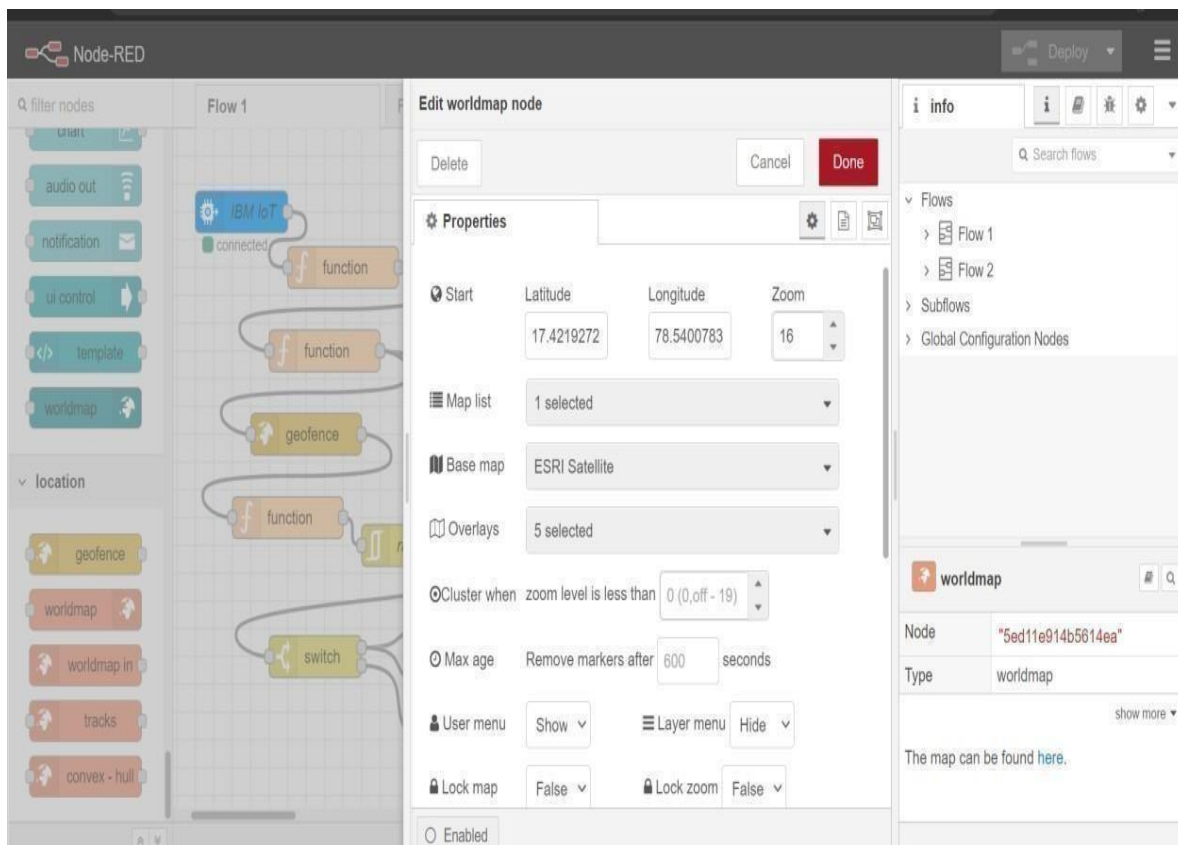
Node-RED interface showing Step 4: Edit function mode(code). The 'Edit function node' panel is open, displaying a JavaScript function that sets the message payload to an object containing global variables for name, latitude, and longitude, and returns the message. The 'On Message' tab is selected. The right sidebar shows the 'info' panel with a search bar and a list of flows and subflows.

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

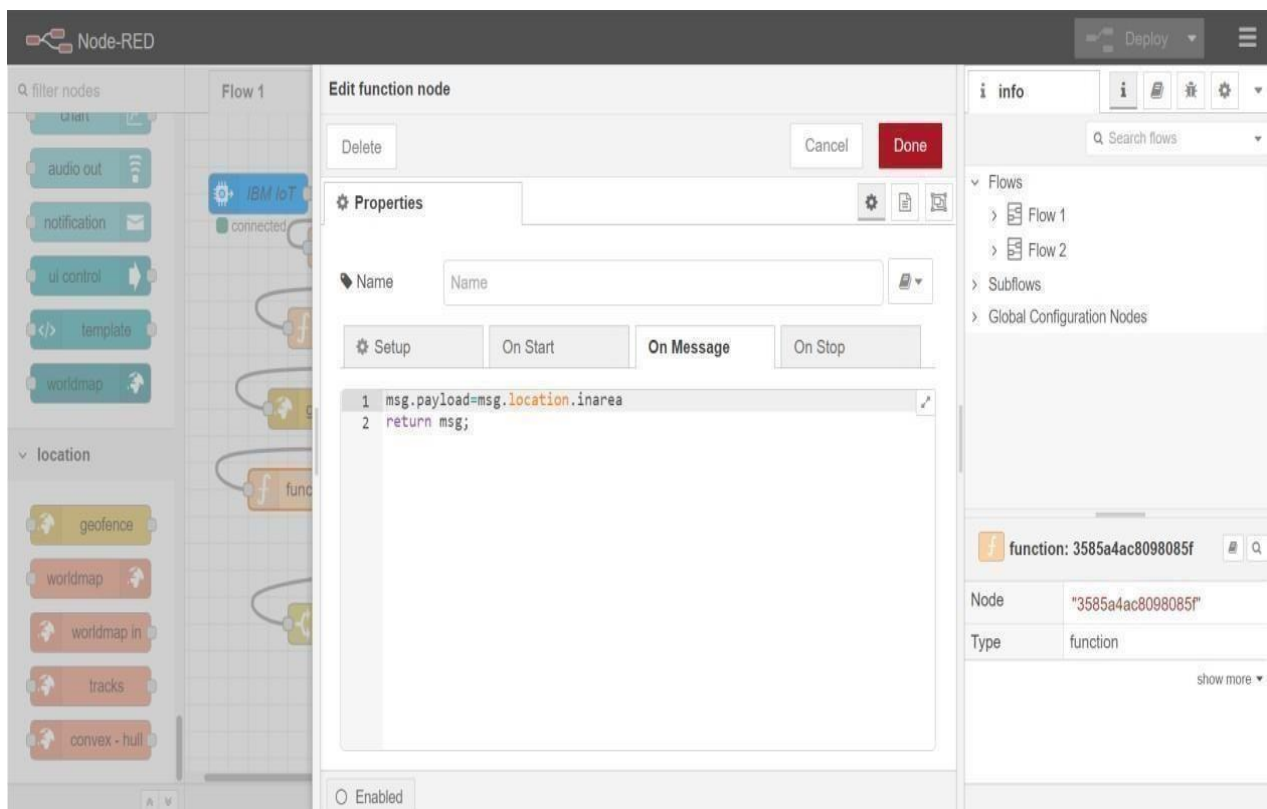
Step 5: Geofencing mode



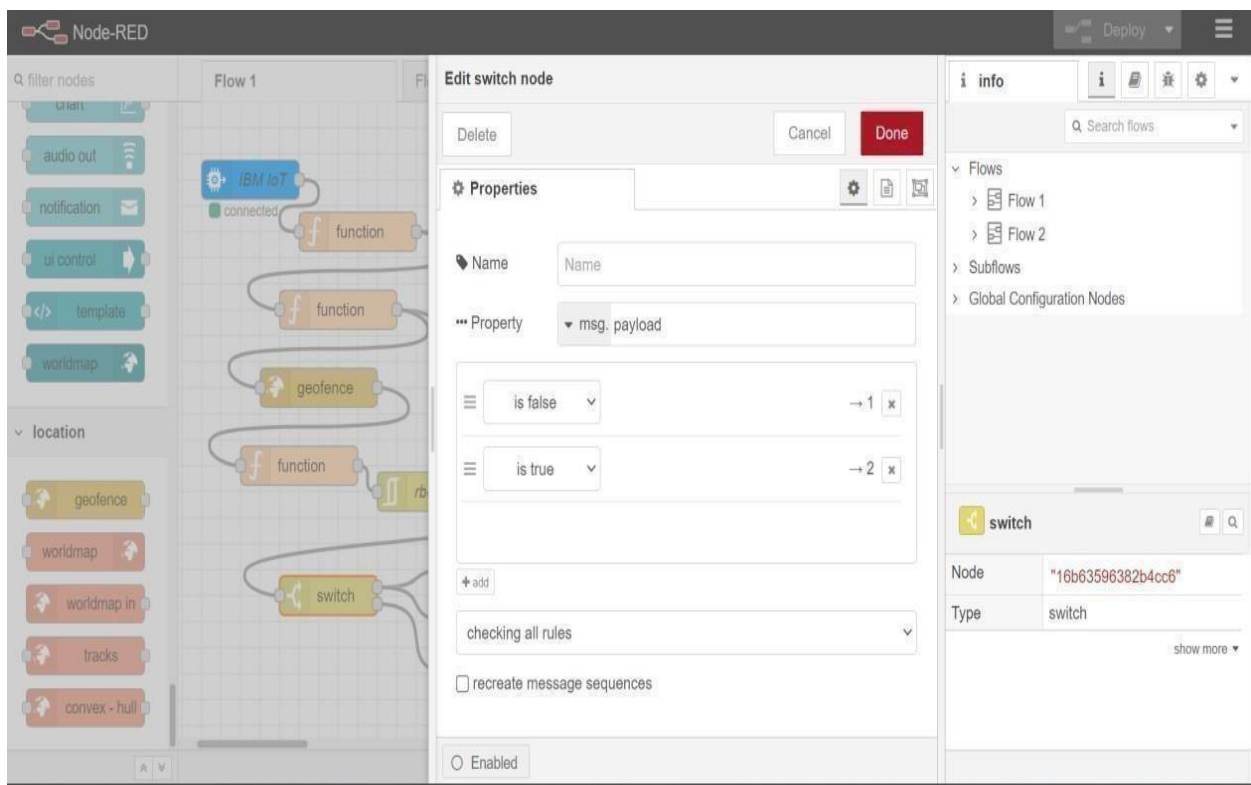
Step 6: Worldmap node with properties



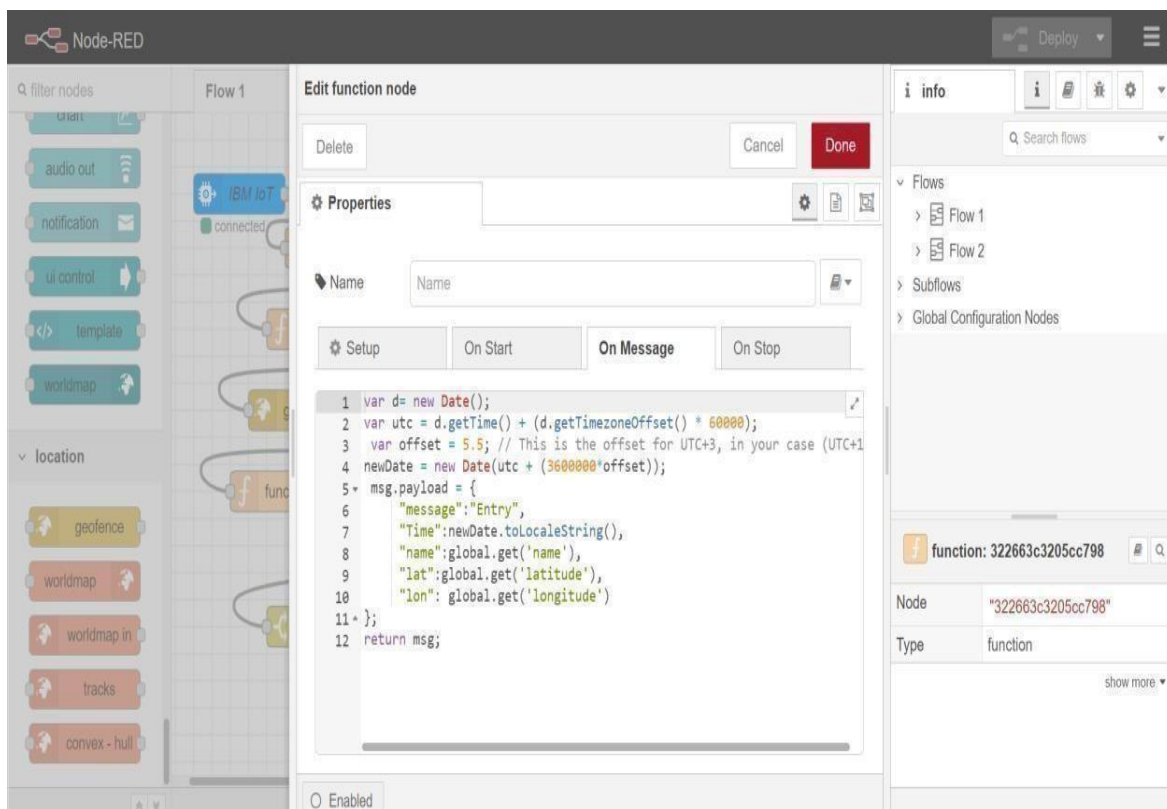
Step 7: Apply the code with different node



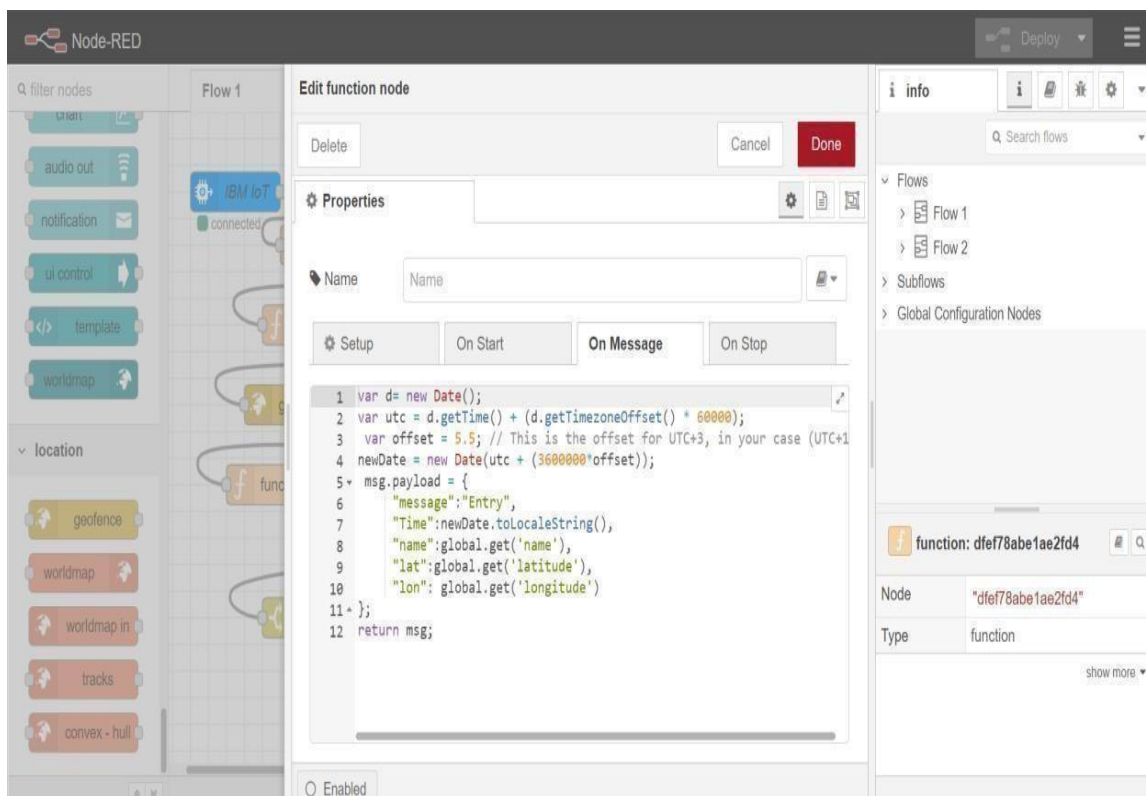
Step 8:Code with different node



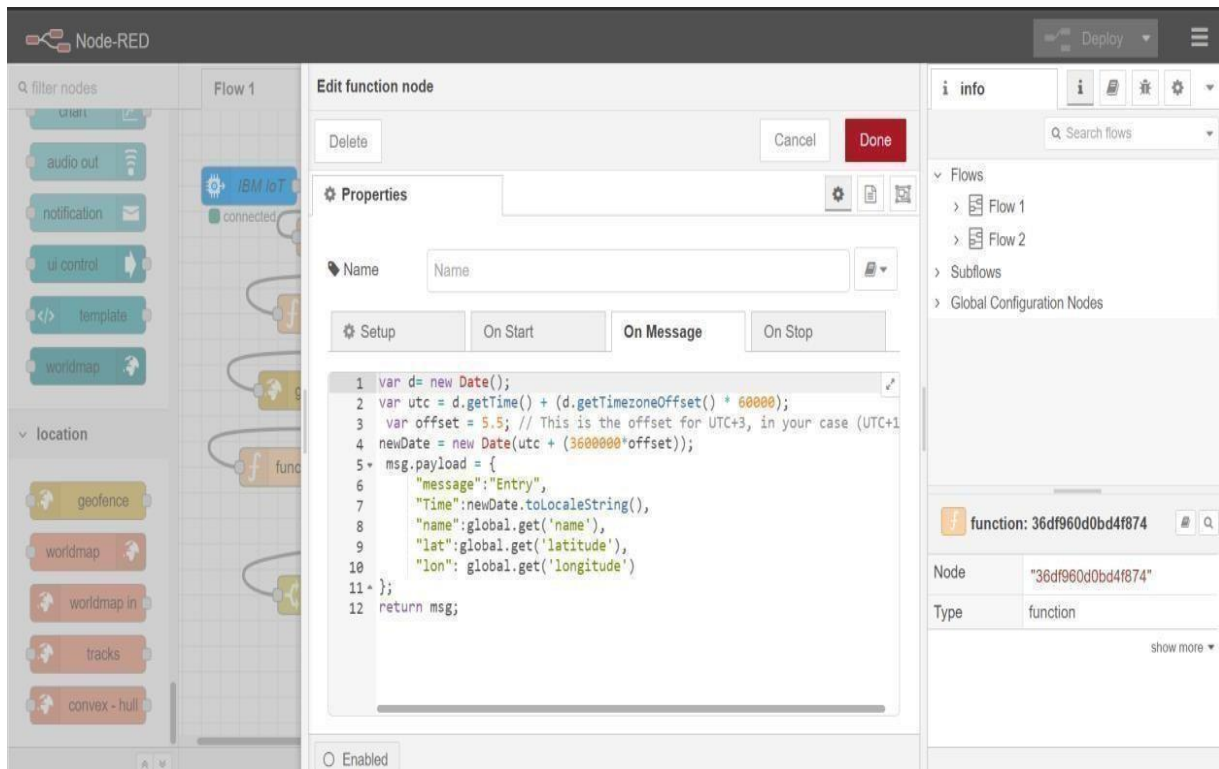
Step 9:Code with different node



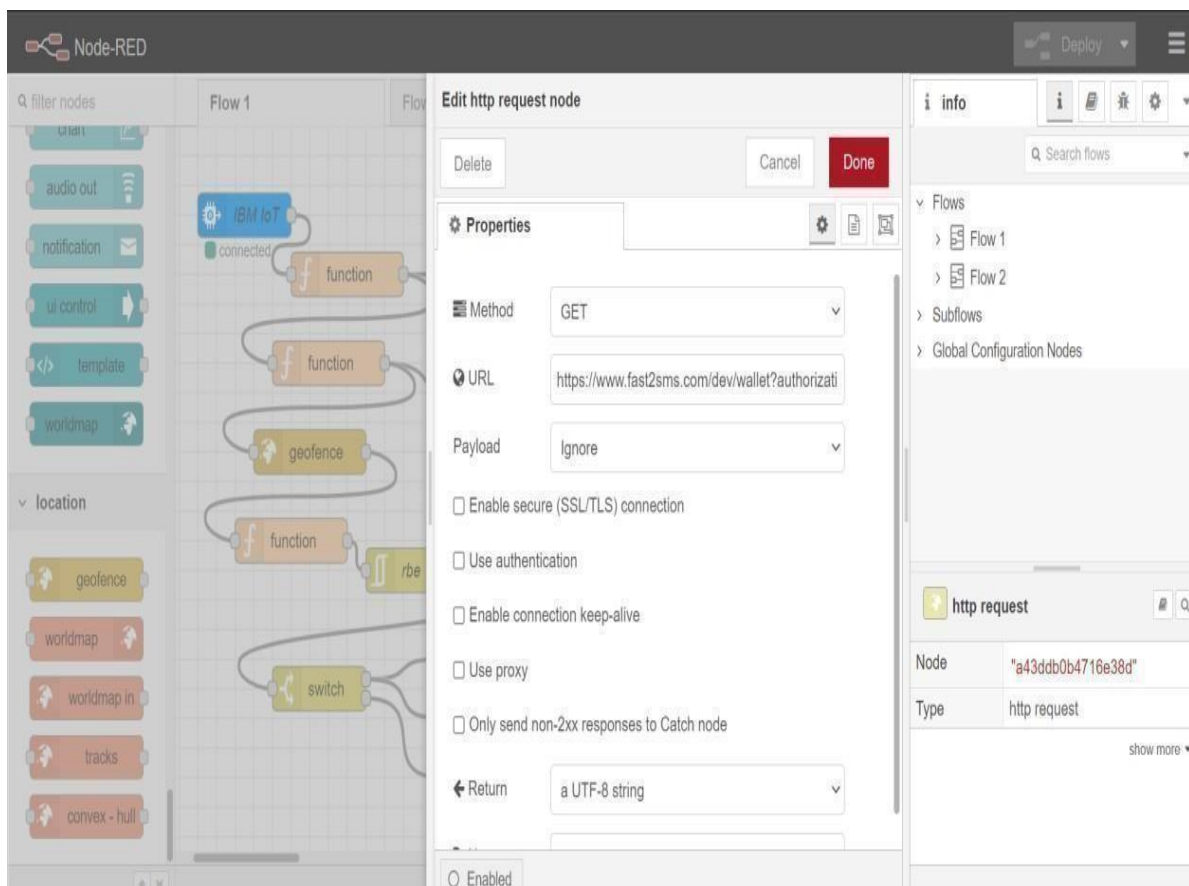
Step 10:code with different node



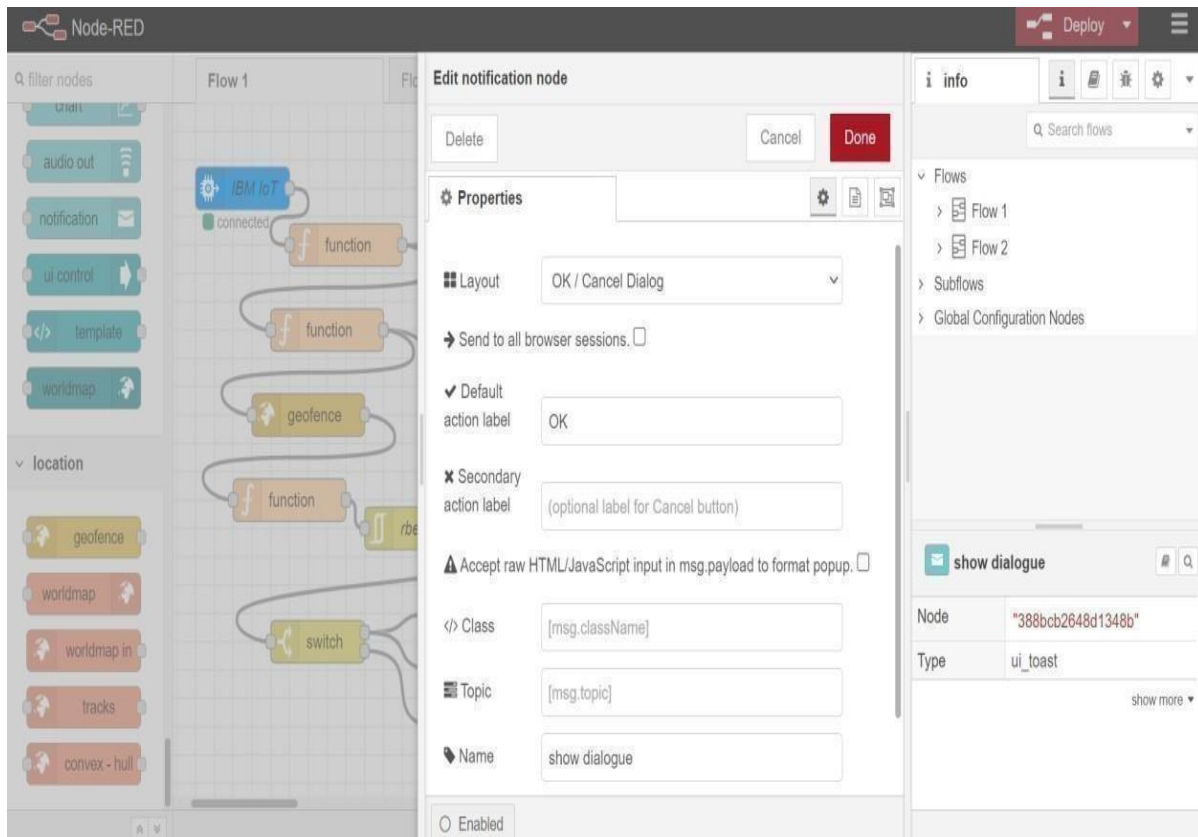
Step 11:Code with different node



Step 12: Http request node->properties



Step 13: Notification node



Step 14: Cloudant node

