Project Development Phase
SPRINT-3

Date	8 November 2022
Team ID	PNT2022TMID47401
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)
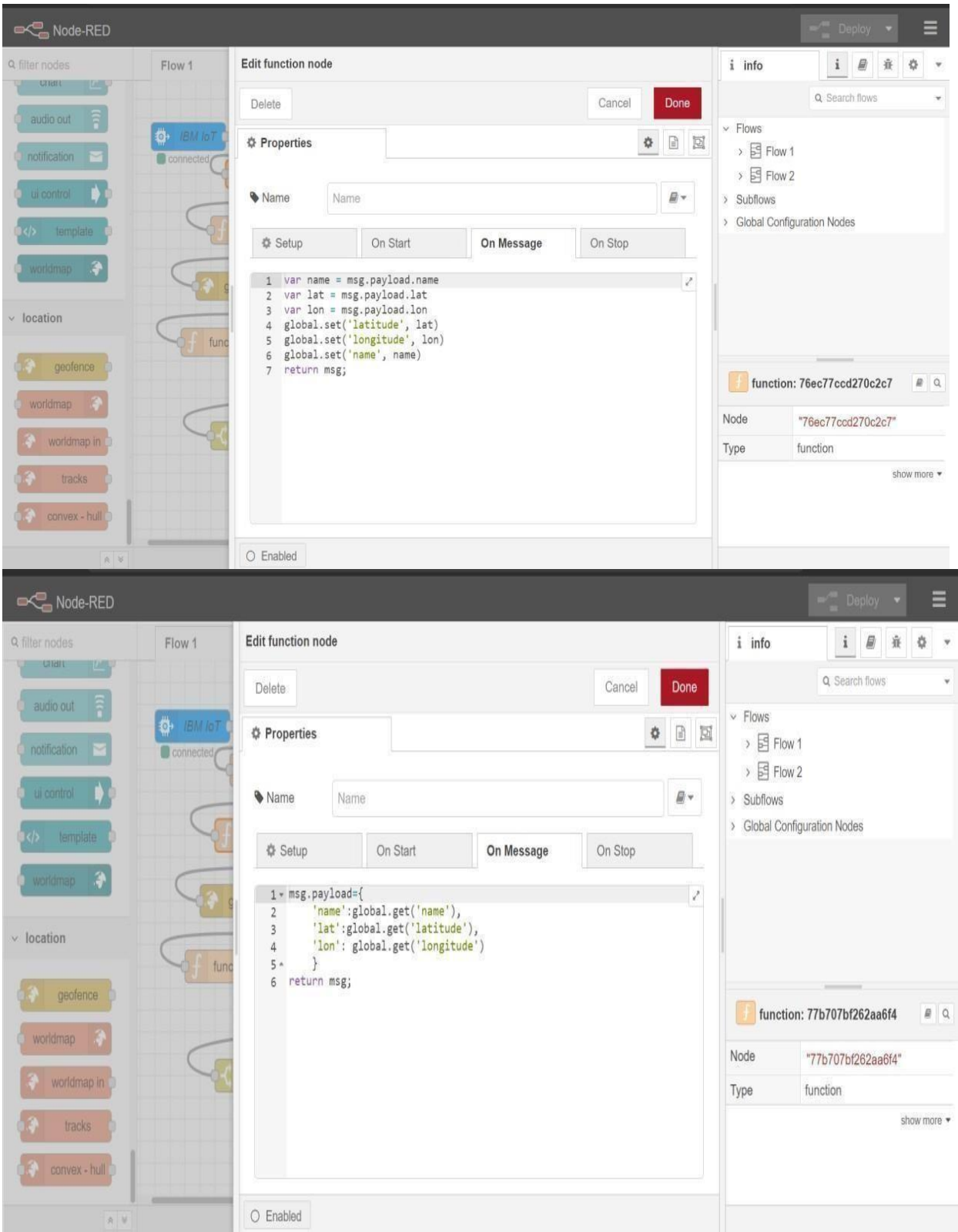
Step 4:

   5: Geofencing mode

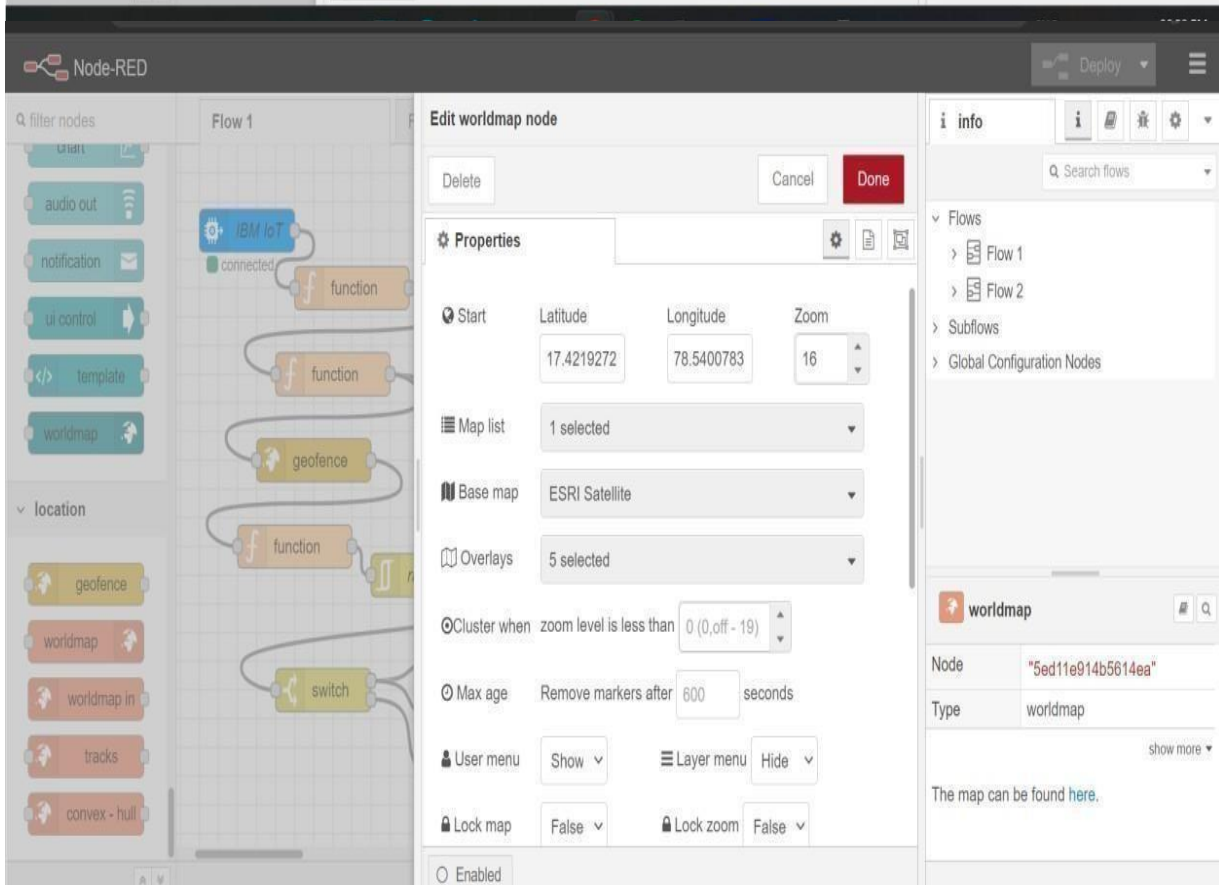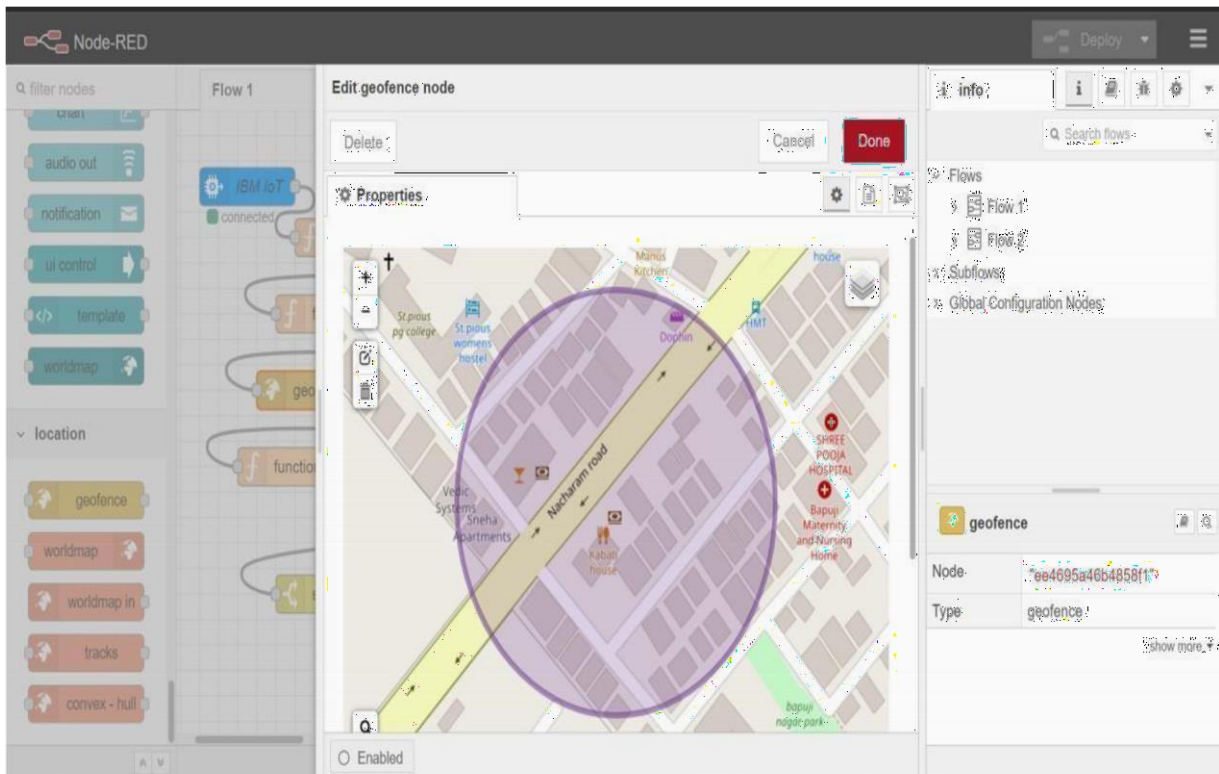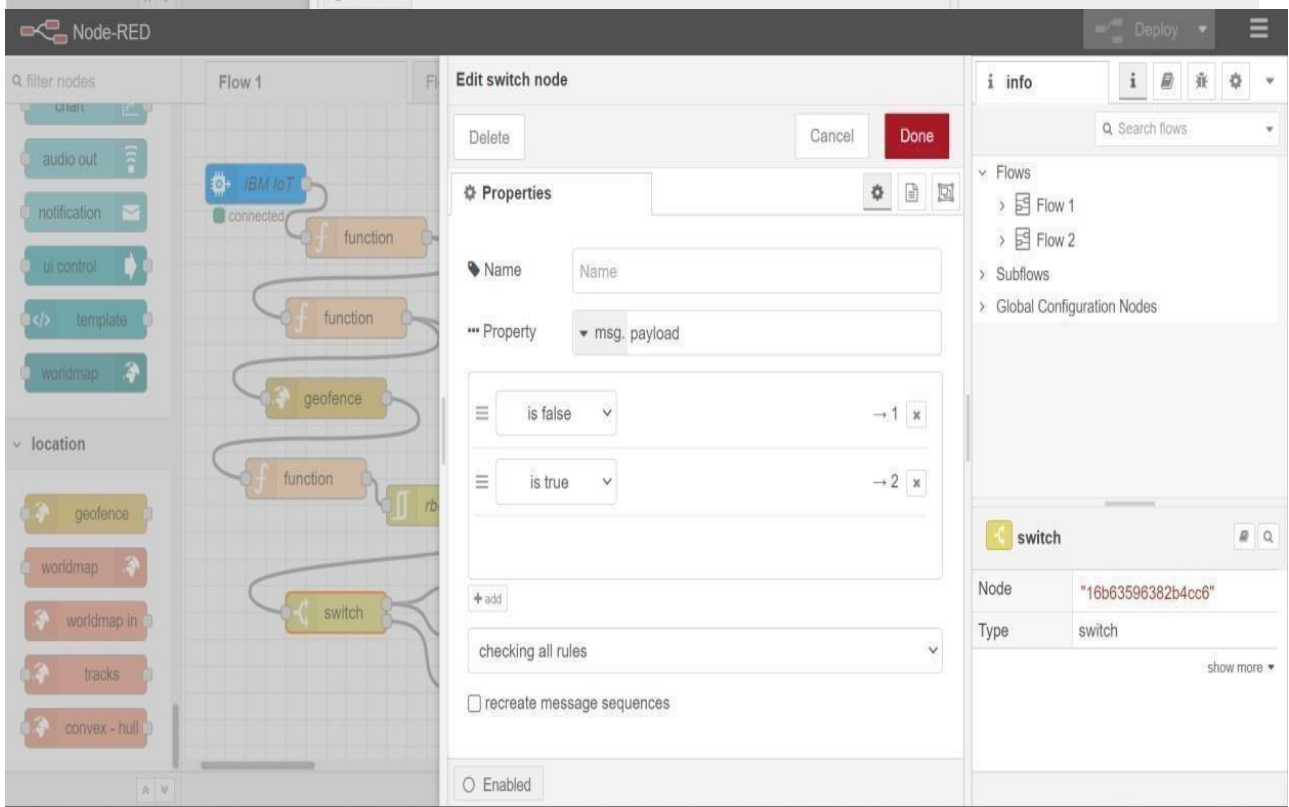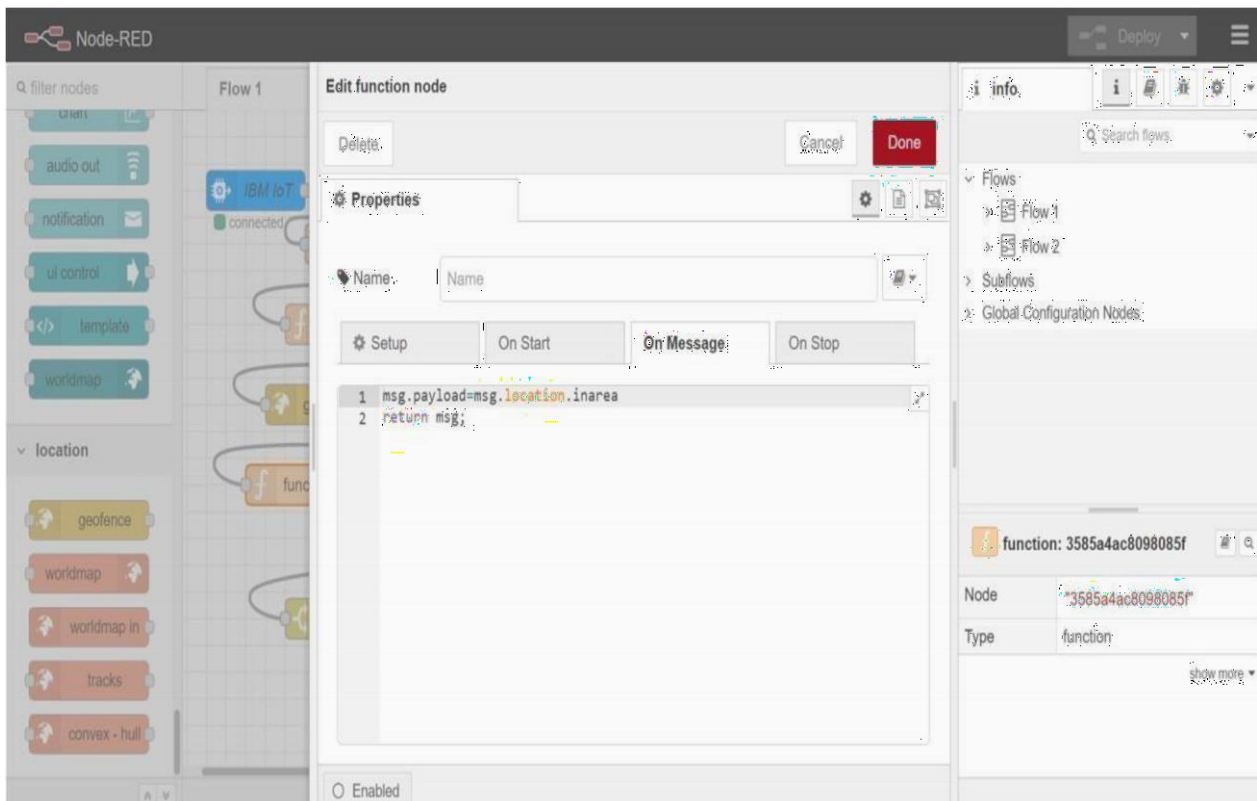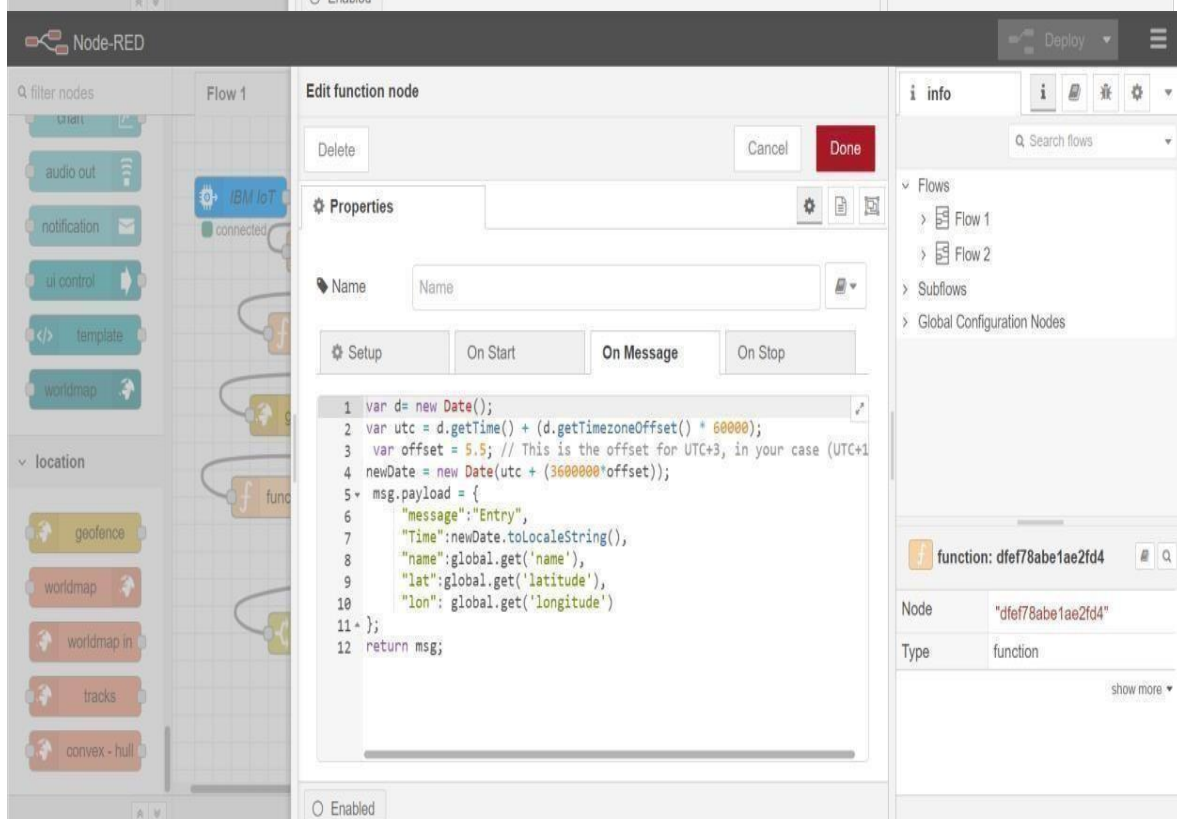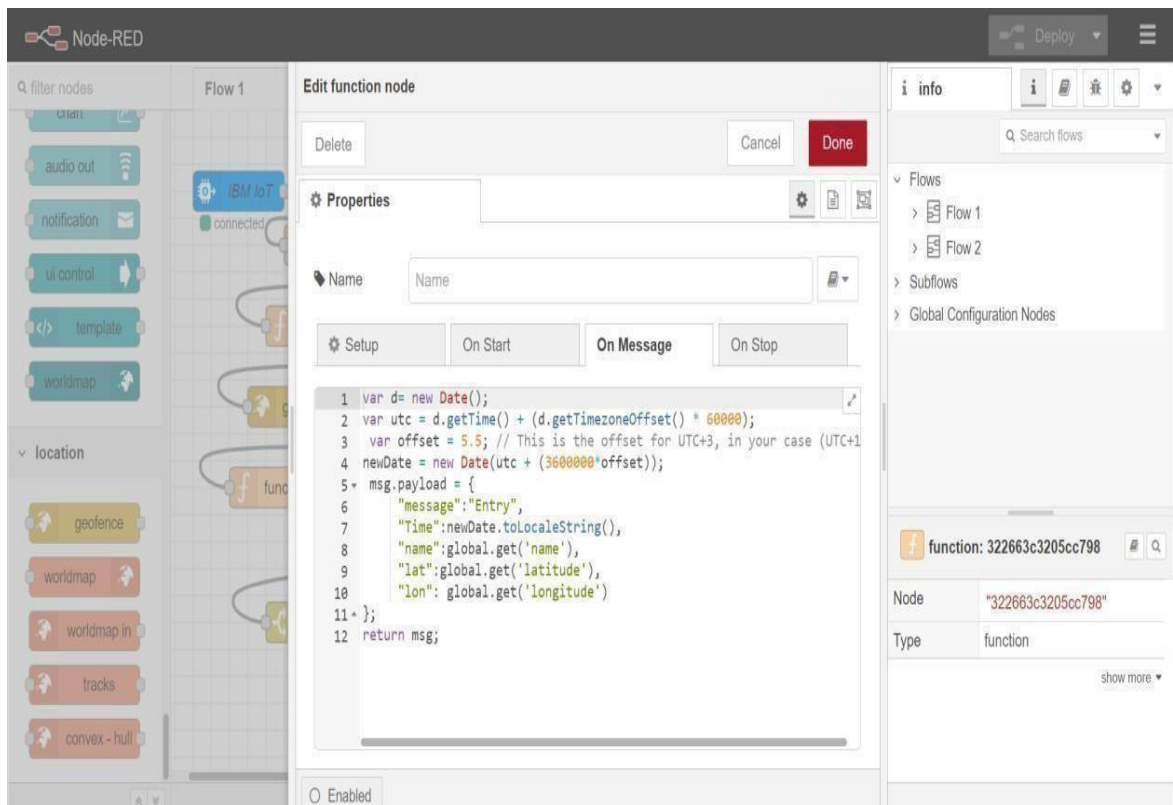**Step 6: Worldmap node with properties**
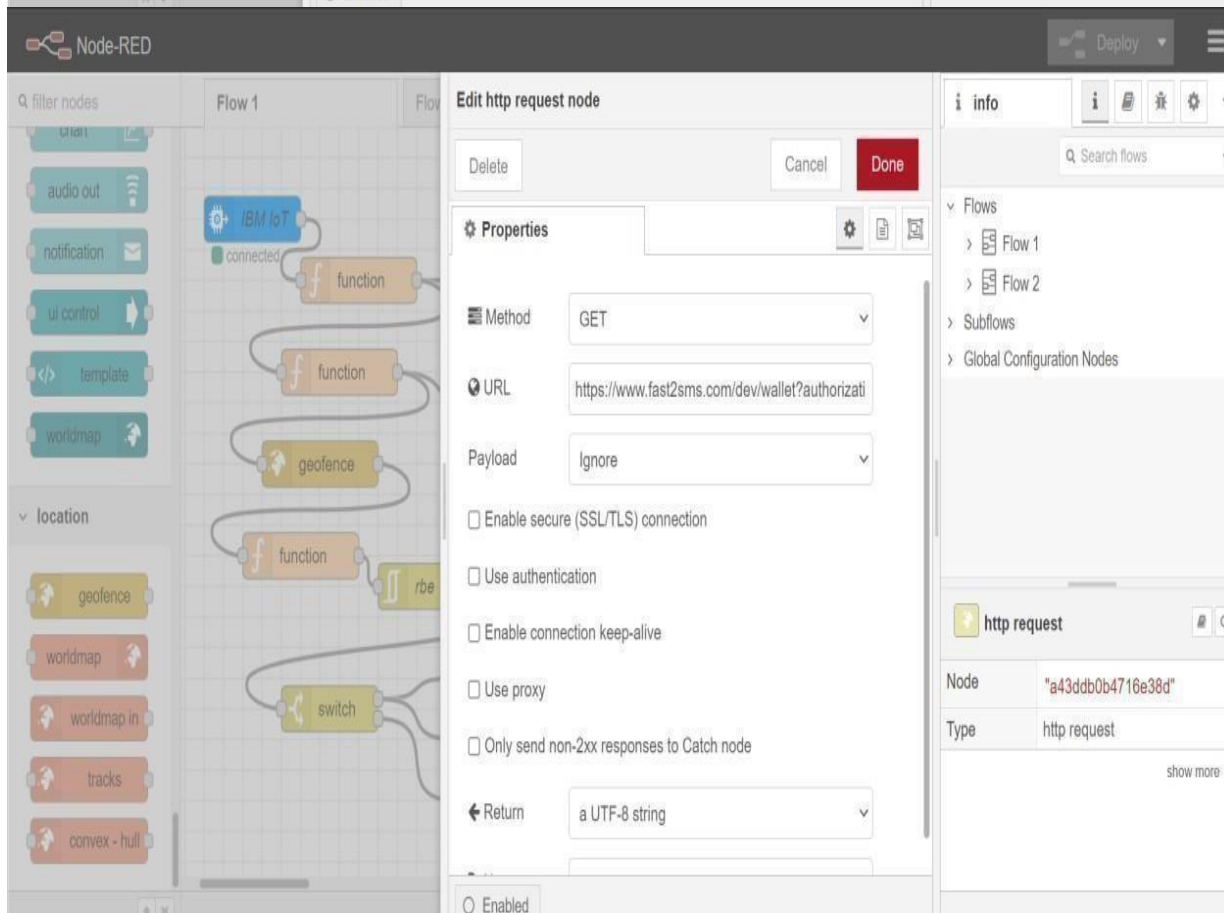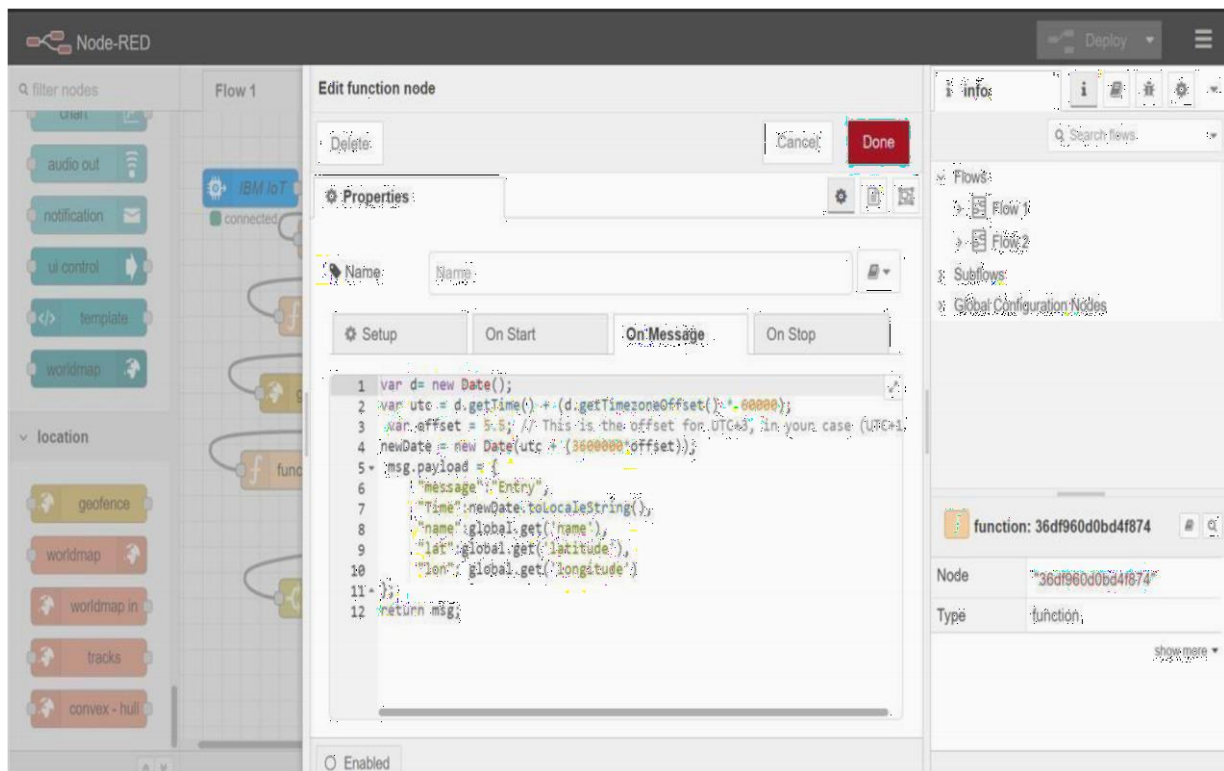
7:Apply the code with different node

Step 8:Code with different node

9:Code with different node

Step 10:code with different node

Step 11:Code with different node

Q filter nodes   Flow 1

audio out

notification

ui control

template

worldmap

∨ location

geofence

worldmap

worldmap in

tracks

convex - hull

Edit function node

Delete   Cancel   **Done**

⚙ Properties   ⚙ 📄 🔲

🏷 Name   Name

⚙ Setup   On Start   **On Message**   On Stop

```
1  var d= new Date();
2  var utc = d.getTime() + (d.getTimezoneOffset() * -60000);
3  var offset = 5.5; // This is the offset for UTC+3, in your case (UTC+1
4  newDate = new Date(utc + (3600000*offset));
5  msg.payload = {
6      "message": "Entry",
7      "Time":newDate.toLocaleString(),
8      "name": global.get('name'),
9      "lat": global.get('latitude'),
10     "lon": global.get('longitude')
11  };
12  return msg;
```

○ Enabled

i info   i 📄 🔲 ⚙ ▾

Q Search flows

∨ Flows
  › Flow 1
  › Flow 2
  › Subflows
  › Global Configuration Nodes

function: 36df960d0bd4f874   📄 Q

Node   "36df960d0bd4f874"
Type   function

show more ▾

Q filter nodes   Flow 1   Flo

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geofence

worldmap

worldmap in

tracks

convex - hull

IBM IoT
connected
function
function
geofence
function
rbe
switch

Edit http request node

Delete   Cancel   **Done**

⚙ Properties   ⚙ 📄 🔲

▤ Method   GET   ∨

📍 URL   https://www.fast2sms.com/dev/wallet?authorizati

Payload   Ignore   ∨

☐ Enable secure (SSL/TLS) connection

☐ Use authentication

☐ Enable connection keep-alive

☐ Use proxy

☐ Only send non-2xx responses to Catch node

← Return   a UTF-8 string   ∨

○ Enabled

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Q Search flows

∨ Flows
  › Flow 1
  › Flow 2
  › Subflows
  › Global Configuration Nodes

http request   📄 Q

Node   "a43ddb0b4716e38d"
Type   http request

show more ▾

Step 12:Http request node->properties

Step 13:Notification node

Step 14:Cloudant node