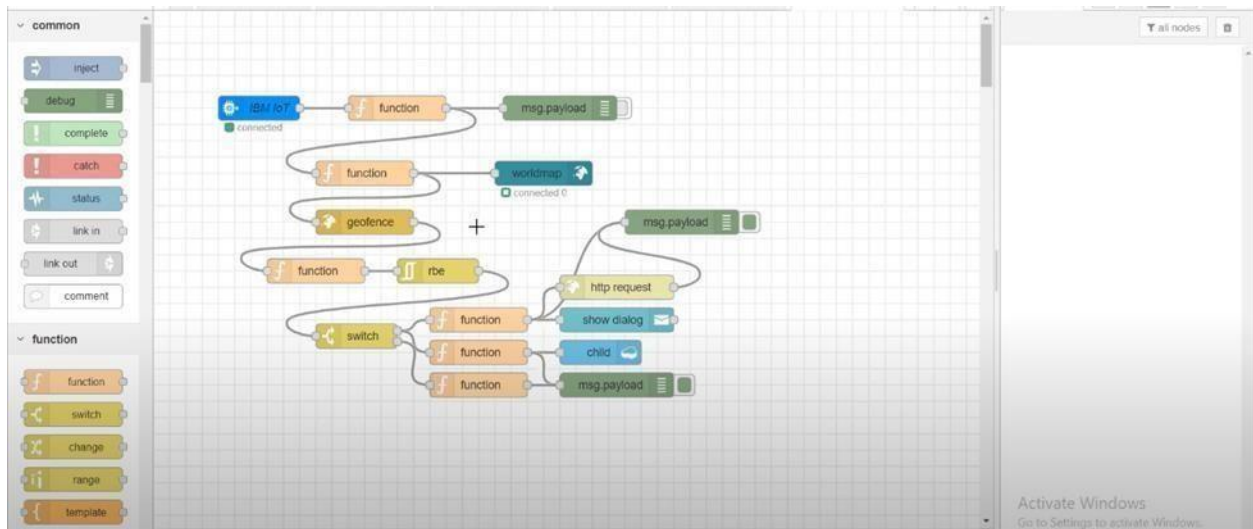## NODE RED SERVICE

Team ID	PNT2022TMID15286
Project Name	SMART WASTE MANANGEMENT FOR METROPOLITAN CITIES-IOT

Step 1: Connect the blocks.

Step 2: Create python code.

```python
import json
import wiotp.sdk.device
import time

myConfig = {
    "identity": {
        "orgId": "hj5fmy",
        "typeId": "NodeMCU",
        "deviceId": "12345"
    },
    "auth": {
        "token": "12345678"
    }
}
client = wiotp.sdk.device.DeviceClient(config=myConfig, logHandlers=None)
client.connect()

while True:
        name= "Smartbridge"
        #in area location

        latitude= 17.4225176
        longitude= 78.5458842

        #out area location

        #latitude= 17.4219272
        #longitude= 78.5408783
        myData={'name': name, 'lat':latitude,'lon':longitude}
        client.publishEvent(eventId="status", msgFormat="json", data=myData, qos=0, onPublish=None)
        print("Data published to IBM IoT platfrom: ",myData)
        time.sleep(5)

client.disconnect()
```
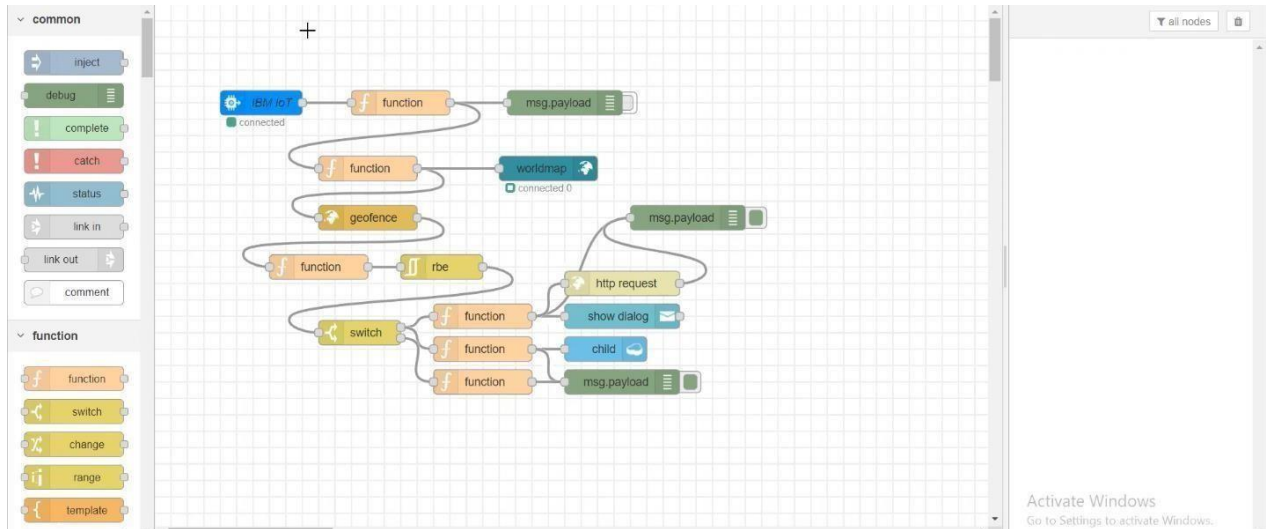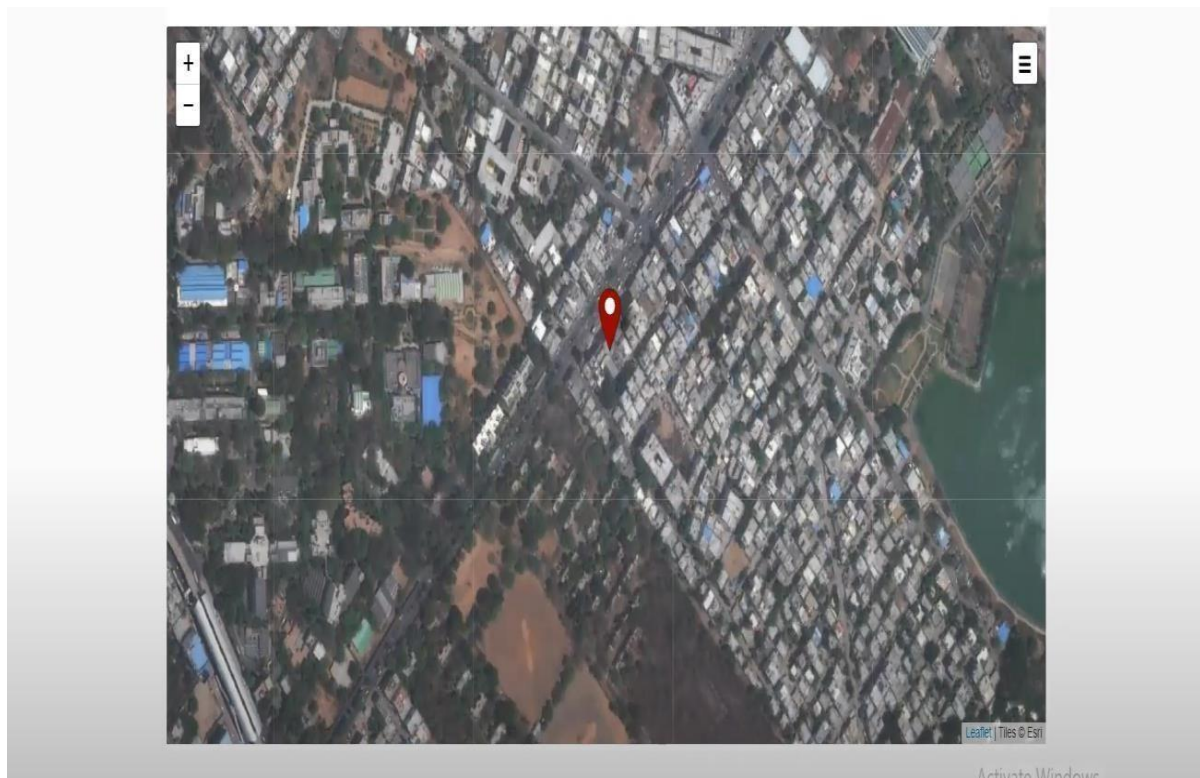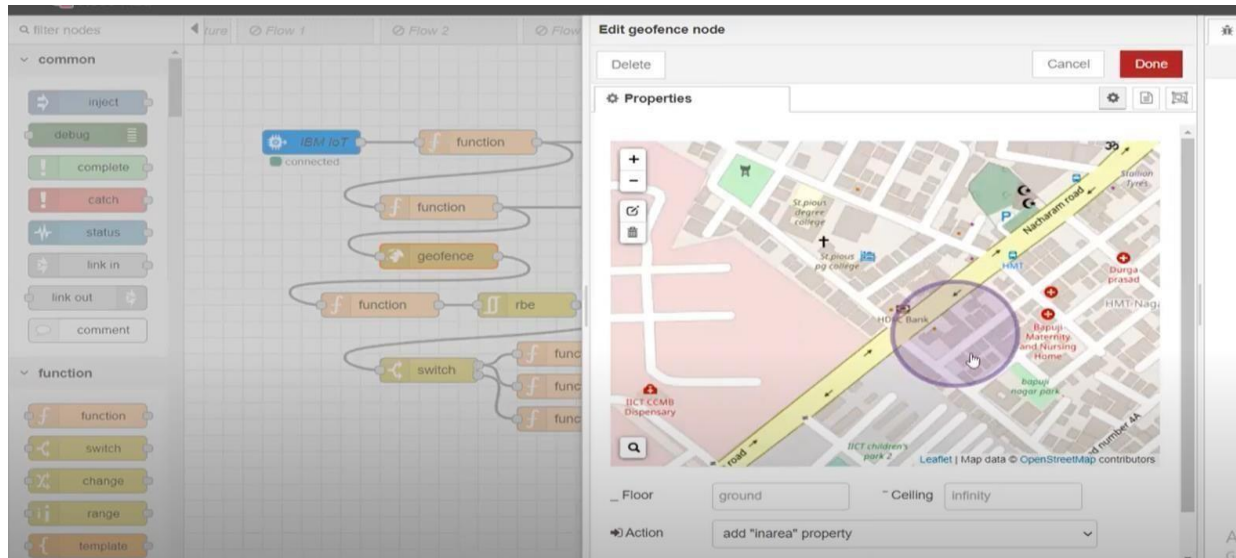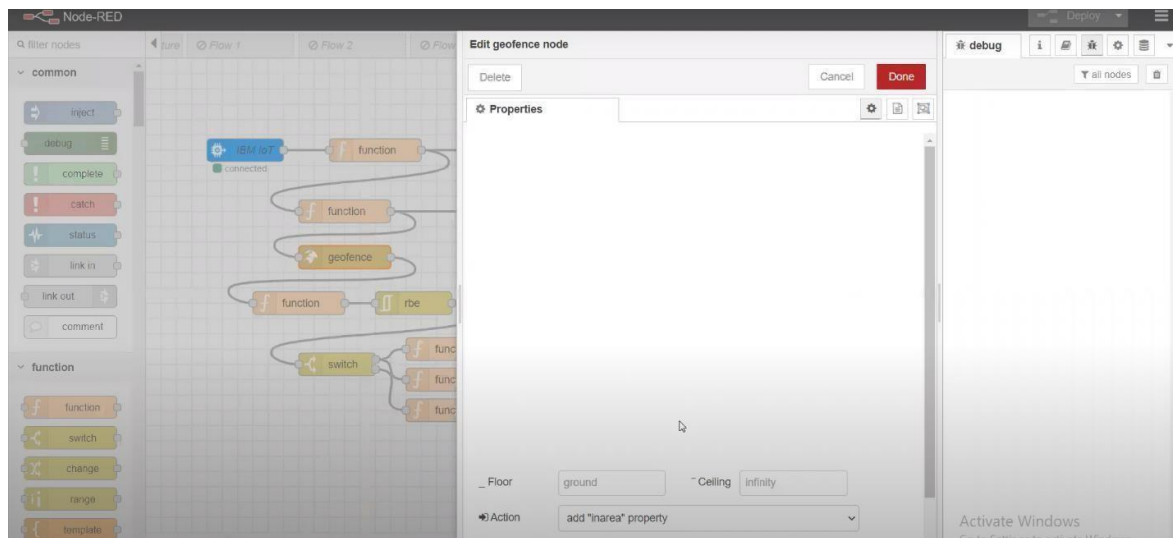
Step 3: Click the geo-fence node.

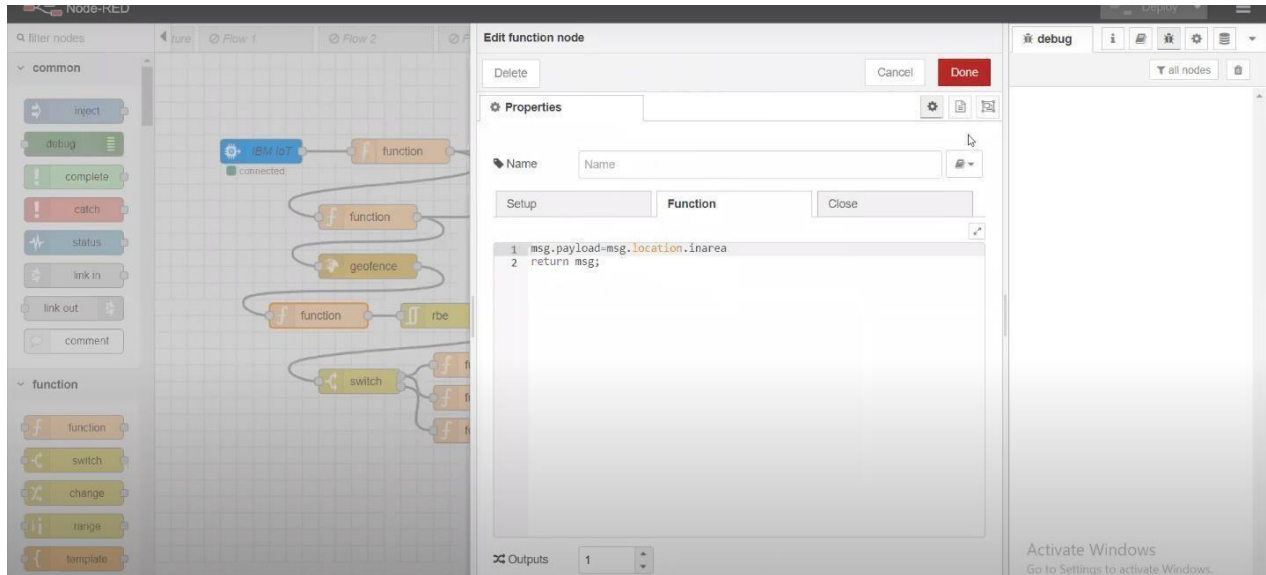Step 4: Create the geo-fence area in the map.

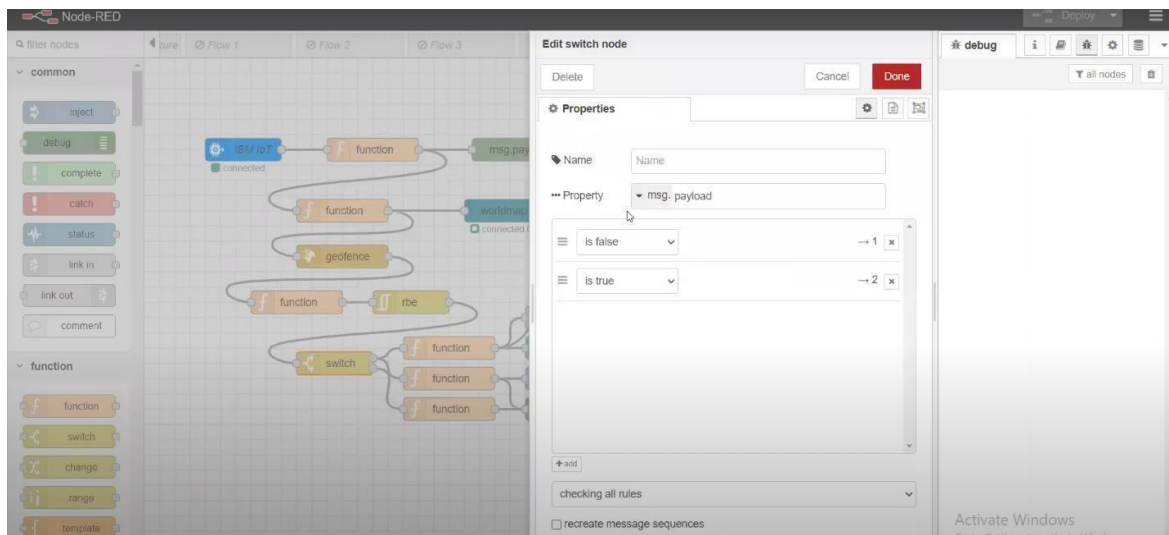## Step 5: Create geo-fence in a particular area.

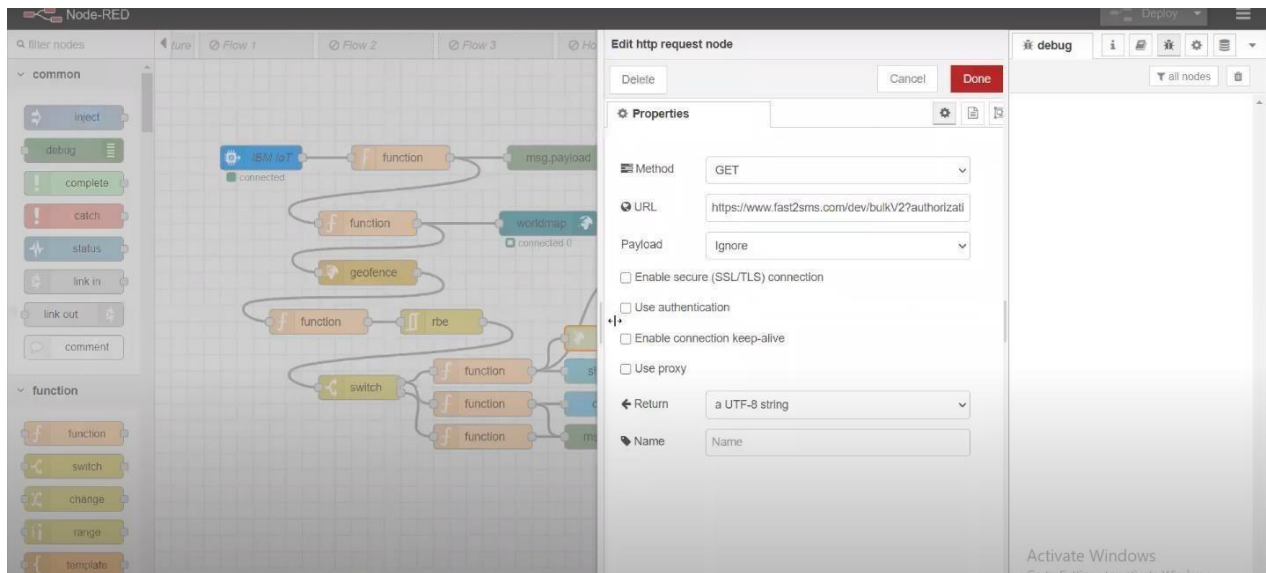## Step 6: Select the function block.

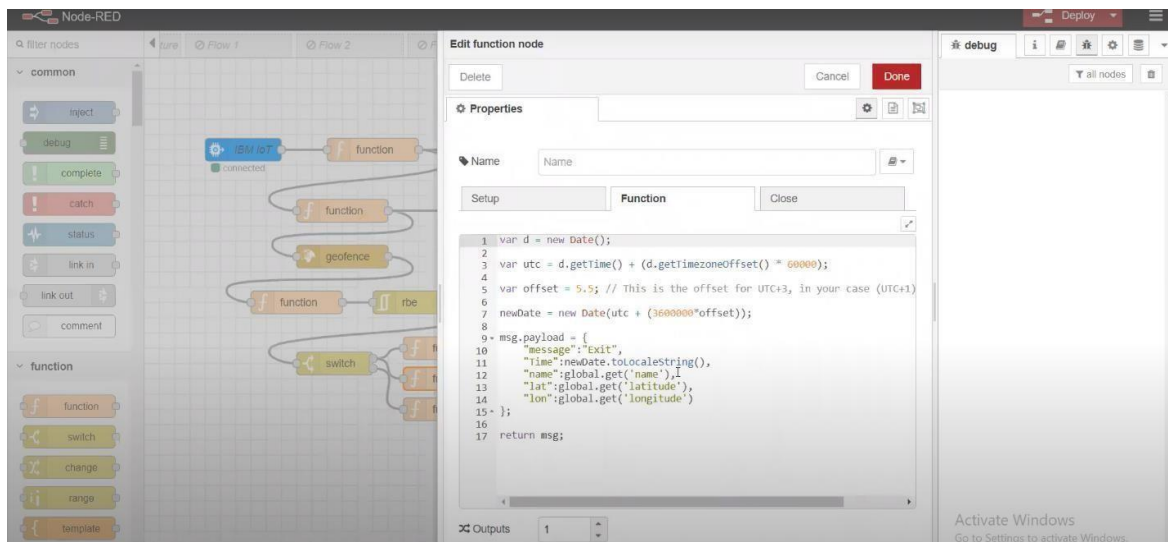## Step 7: Select the message payload.

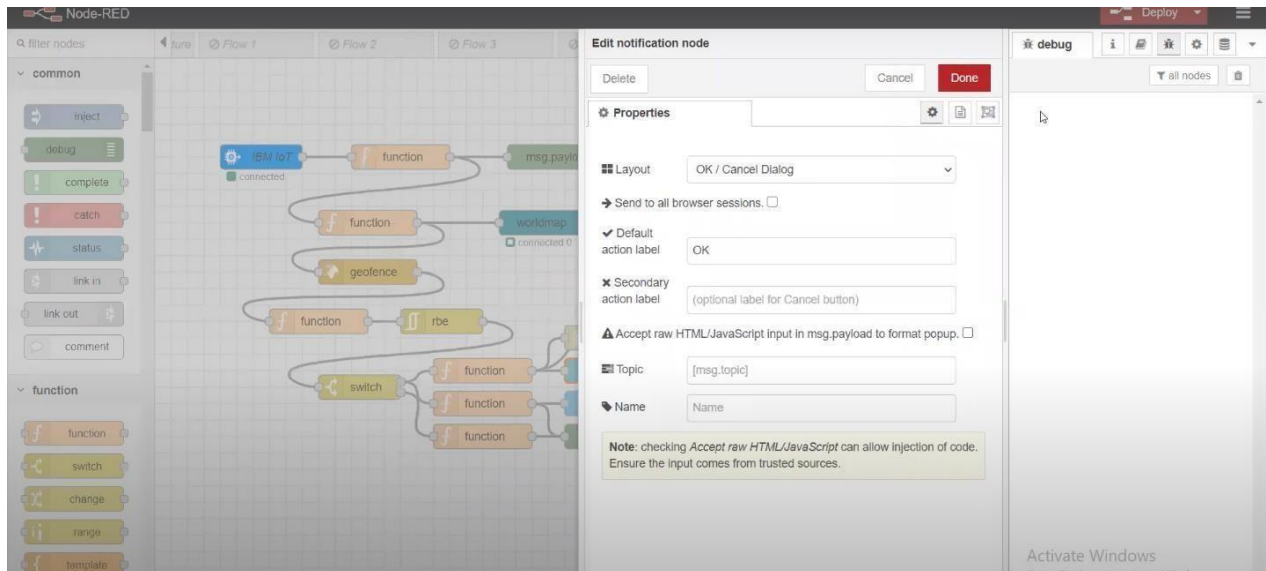## Step 8: To identify the person in area.

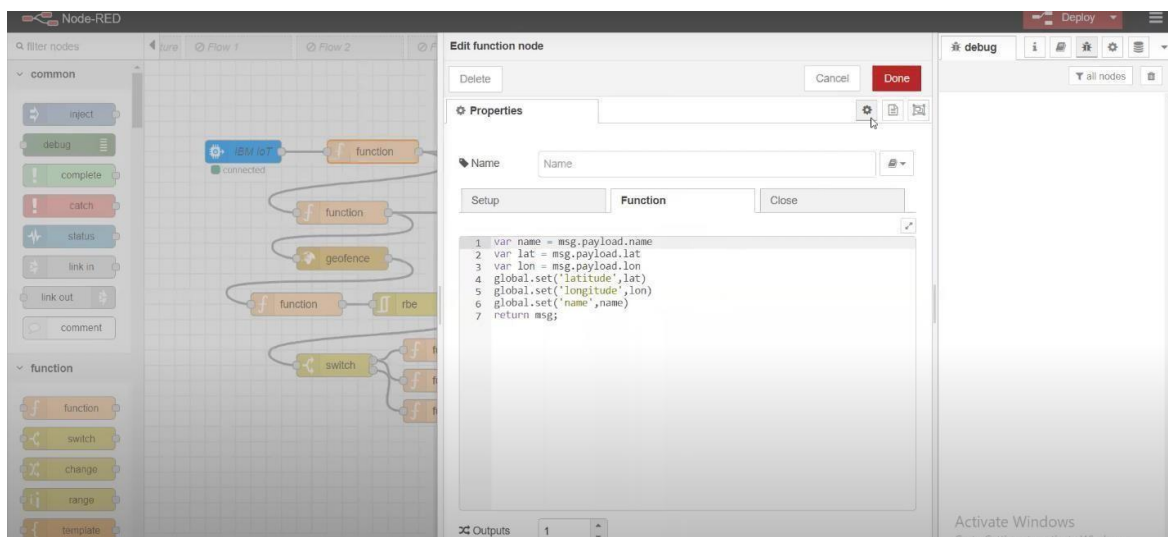Step 9: Select the http request to send message to parent or guardian.

Step 10: For sending the message with time.

Step 10: Click show dialog for notifying the popup alert.

Step 11: Create another payload and to pass the data to geo-fence and world map.

Step 12: Click the world map to see the location.