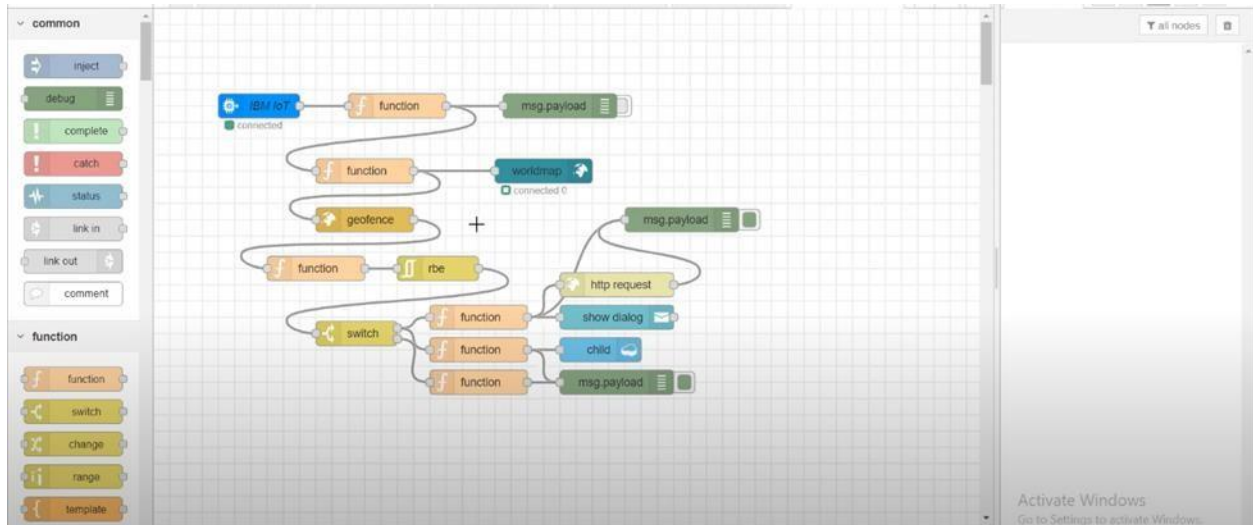


CREATE NODE-RED SERVICE

TEAM ID:PNT2022TMID50350

NODE-RED

Step 1: Connect the blocks



Step 2: Create python code

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

myConfig = {
    "identity": {
        "orgId": "h35fmy",
        "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

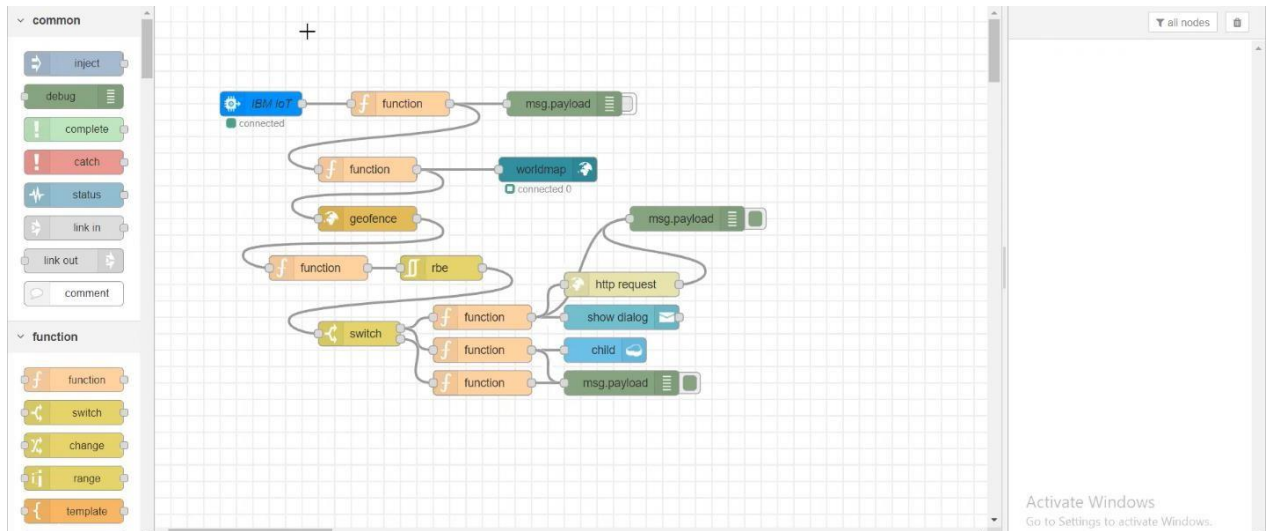
    latitude= 17.4225176
    longitude= 78.5458842

    #out area location

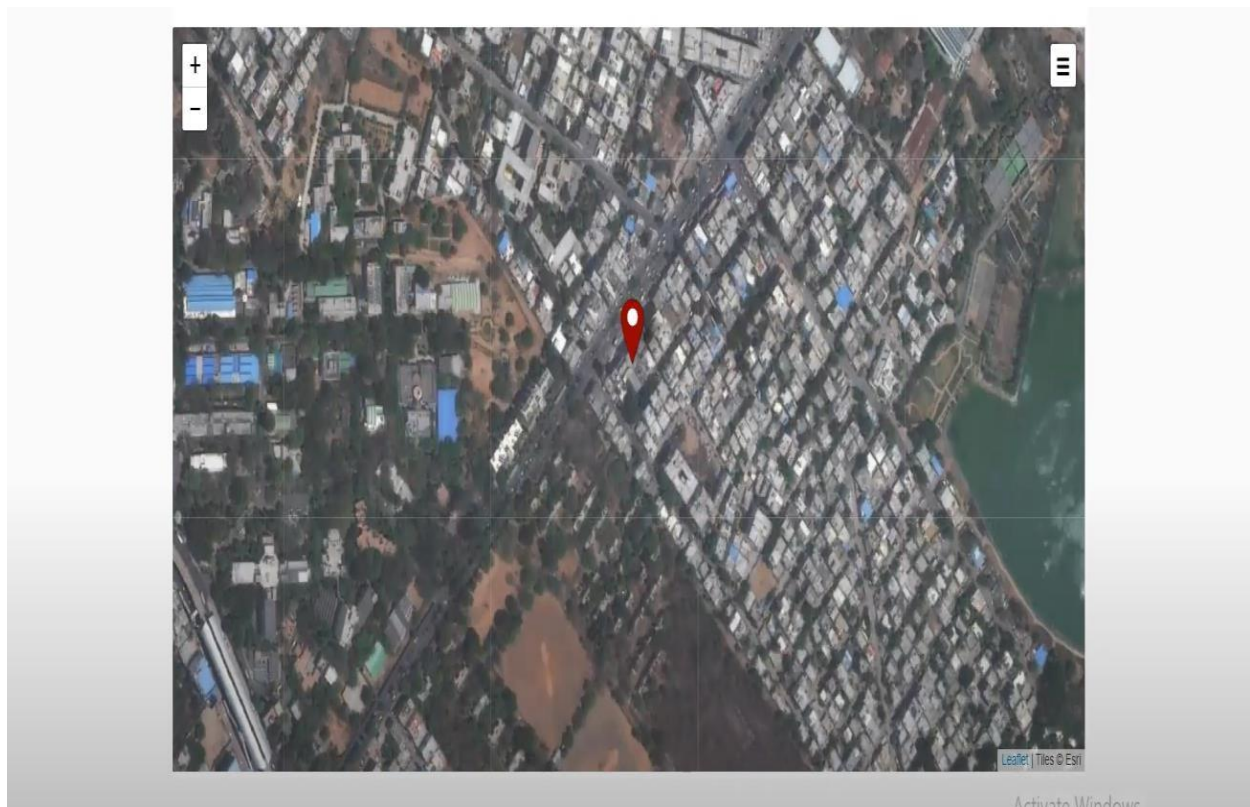
    #latitude= 17.4219272
    #longitude= 78.5488783
    myData={'name': name, 'lat':latitude, 'lon':longitude}
    client.publishEvent(eventId="status", msgFormat="json", data=myData, qos=0, onPublish=None)
    print("Data published to IBM IoT platform: ",myData)
    time.sleep(5)

client.disconnect()
```

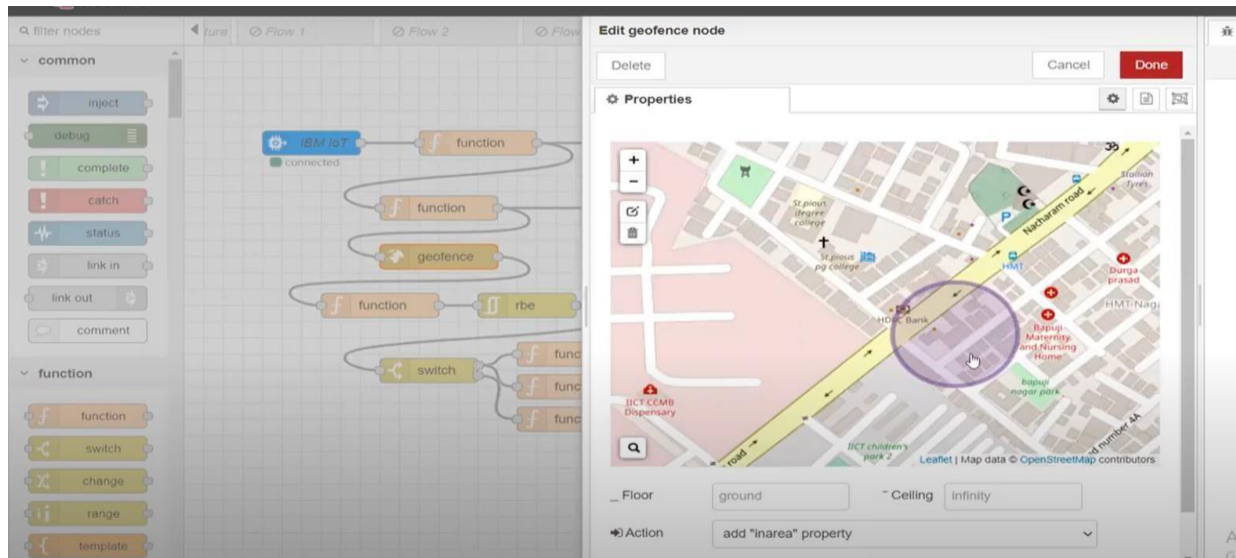
Step 3: Click the geofence node



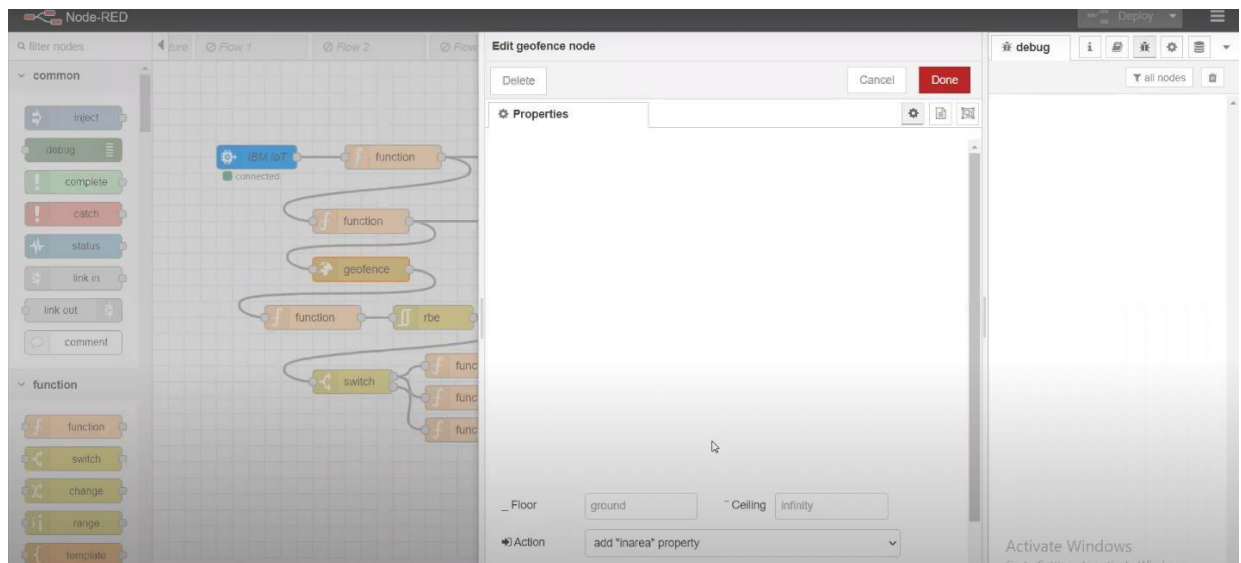
Step 4: Create the geofence area in the map



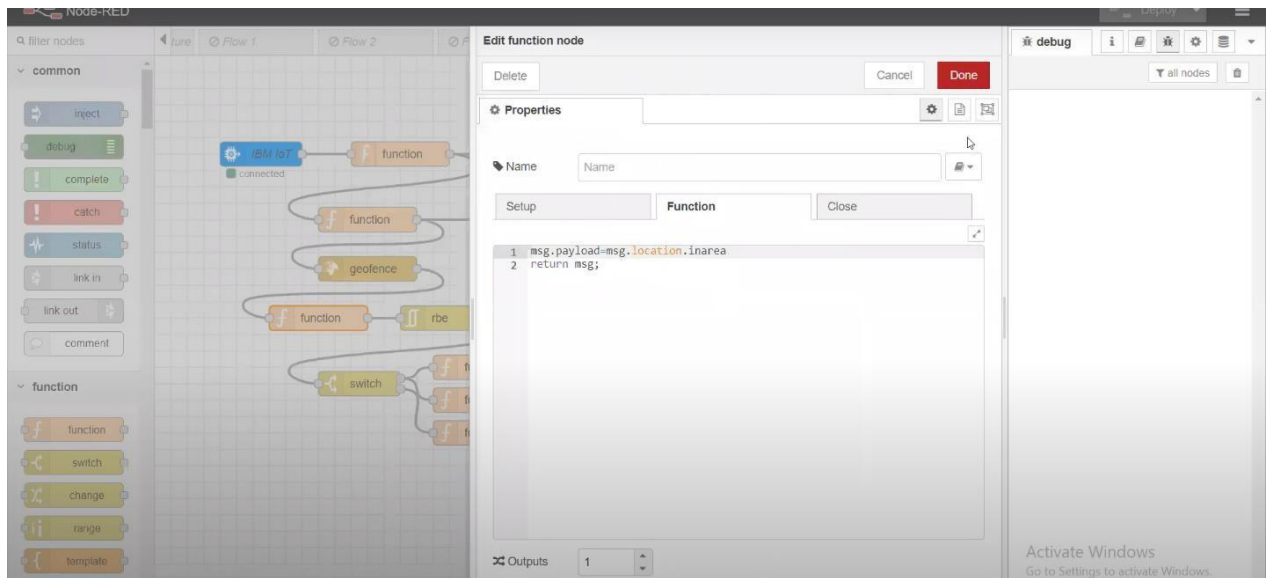
Step 5: Create geofence in a particular area



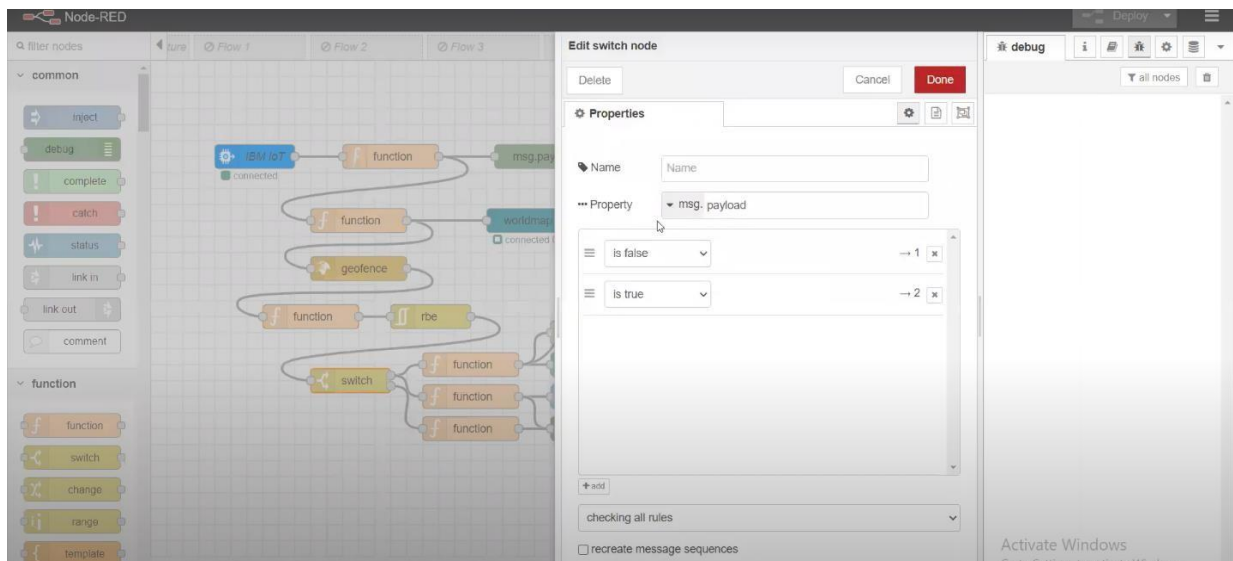
Step 6: Select the function block



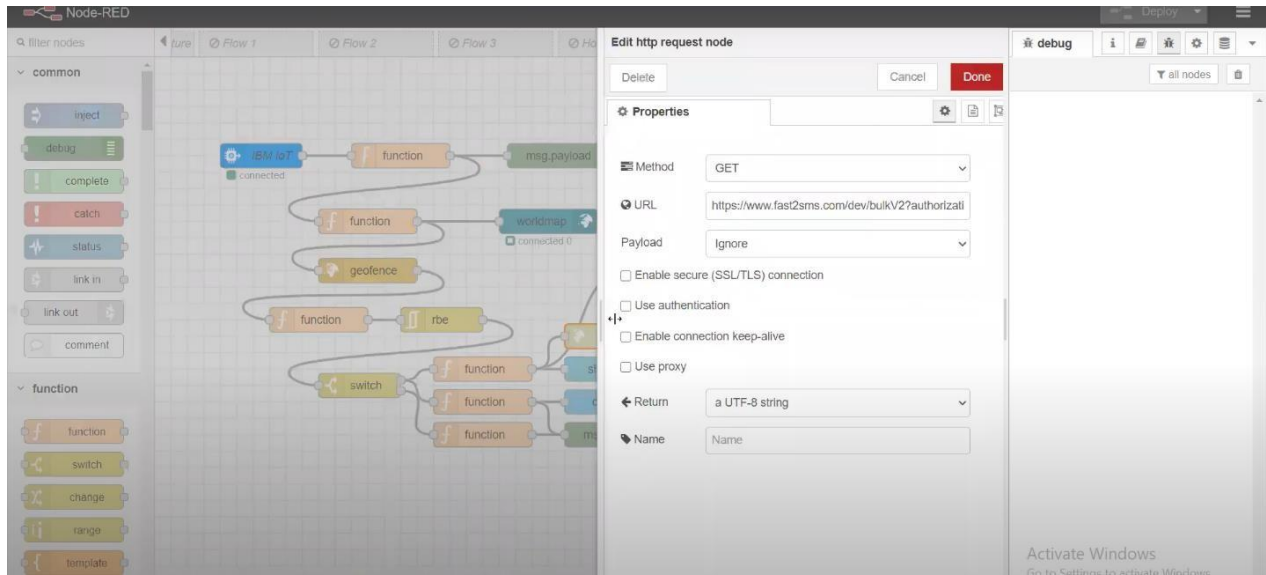
Step 7: Select the msg payload



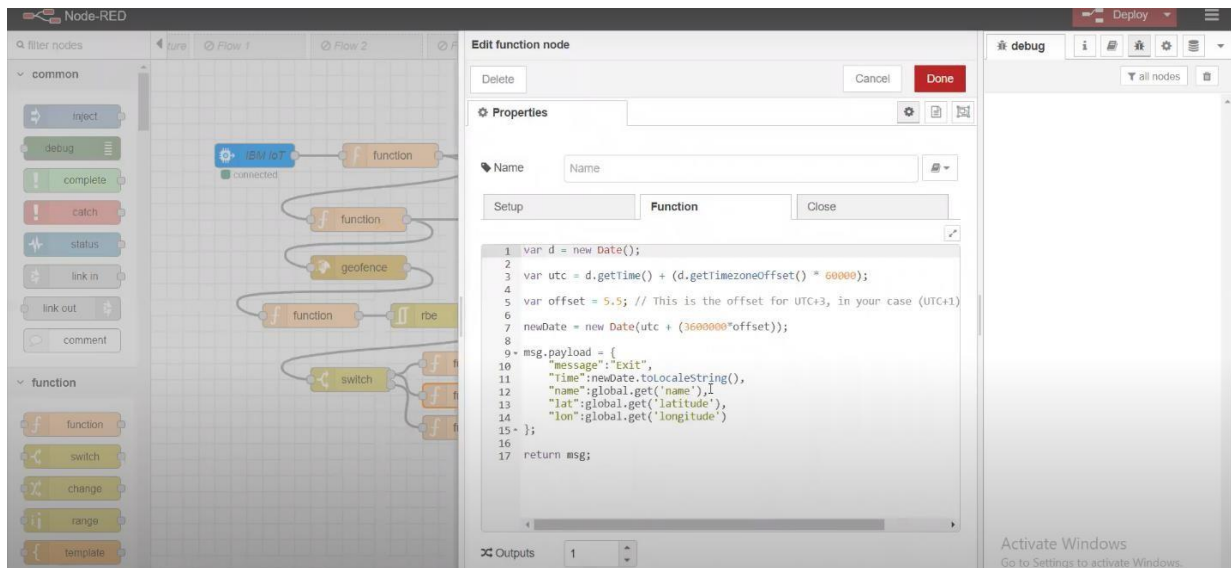
Step 8: To identify the person in area



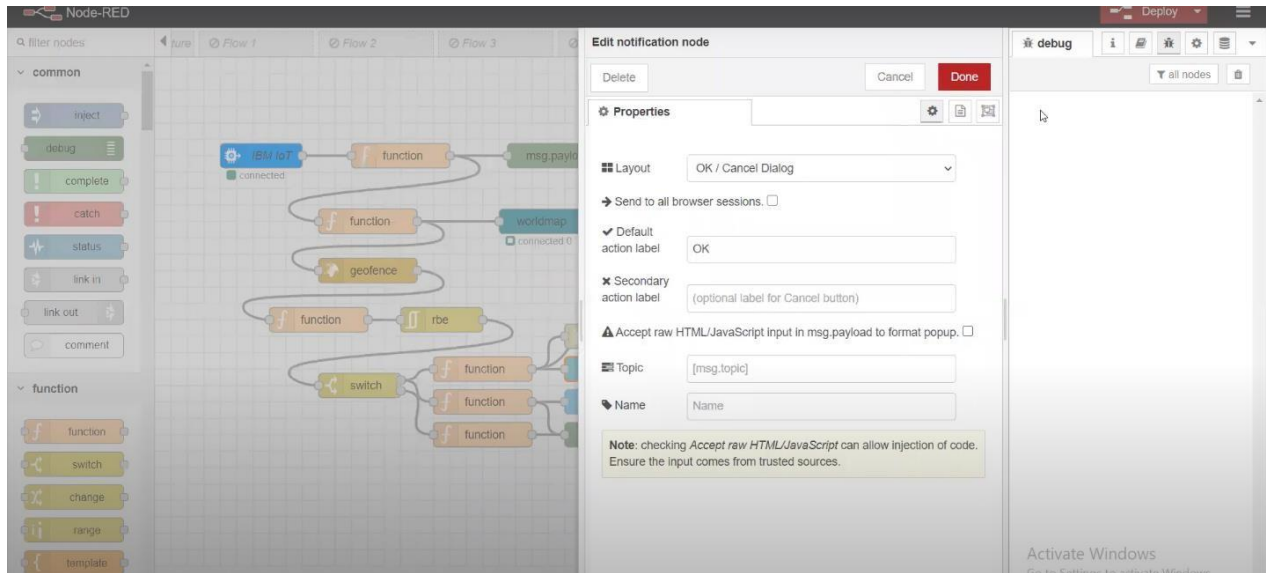
Step 9: Select the http request to send msg to parent or gaurdian



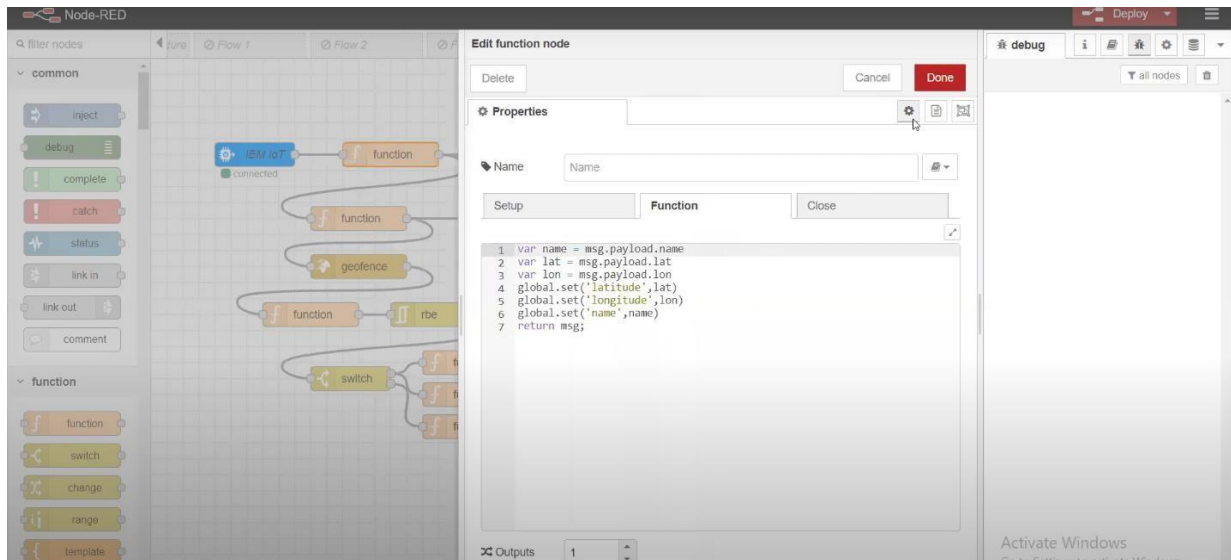
Step 10: For sending the msg with time



Step 10: Click show dialog for notifying the popup alert



Step 11: Create another payload and to pass the data to geofence and worldmap



Step 12: Click the worldmap to see the location

