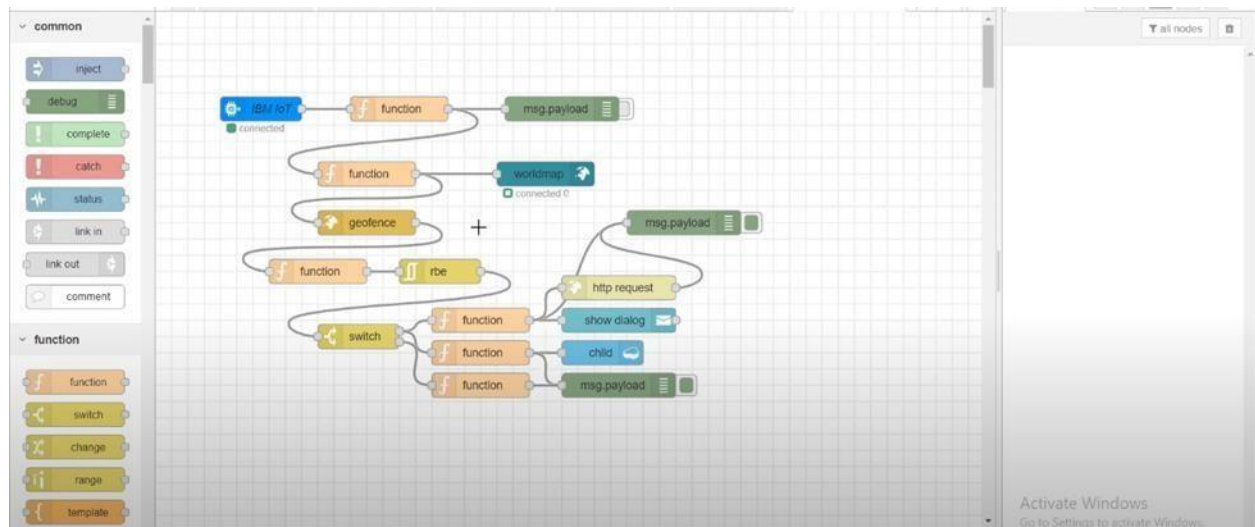


NODE RED SERVICE

TEAM ID	PNT2022TMID45478
PROJECT NAME	PROJECT- SMART WASTE MANGEMENT FOR METROPOLITAN CITIES

Step 1: Connect the blocks.



Step 2: Create python code.

```
nodecode.py - C:/Users/AK/Desktop/project/nodecode.py (3.7.2)
File Edit Format Run Options Window Help

import json
import wiotp.sdk.device
import time

myconfig = {
    "identity":{
        "orgId":"ctmv6u",
        "typeId":"NodeMCU",
        "deviceId":"106003"
    },
    "auth":{
        "token":"123456789"
    }
}

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

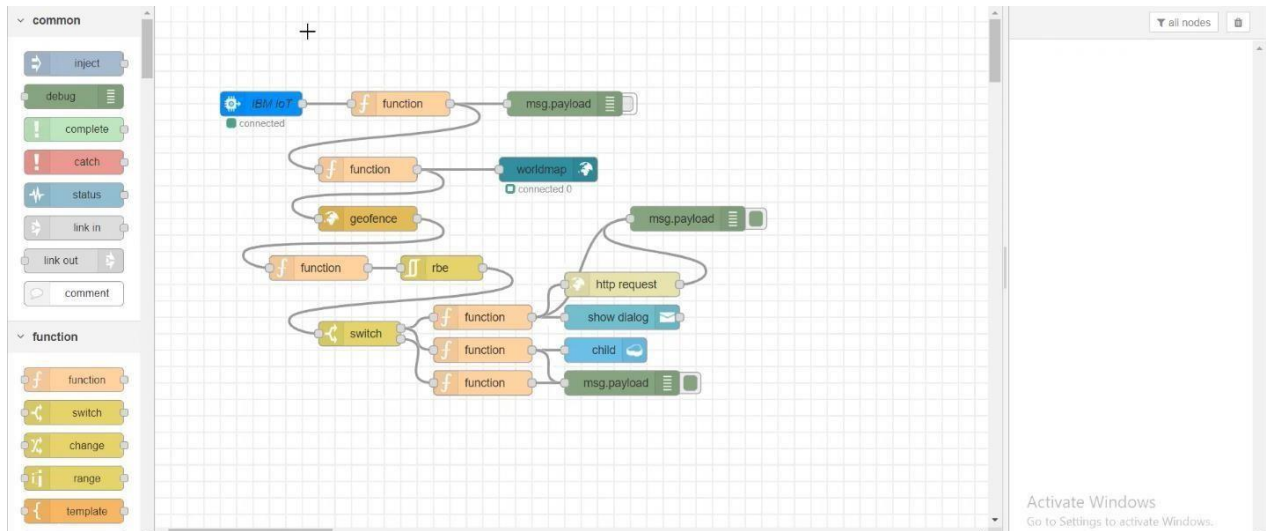
    #latitude = 17.4219272
    #longitude = 78.54598783
    myData={'name':name,'lat':latitude,'lon':longitude}
    client.PublishEvent(eventId="status",msgFormat="json", data=myData,qos=0,onPublish=None)
    print("Data published to IBM IoT platform:",myData)
    time.sleep(5)

client.disconnect()
|
```

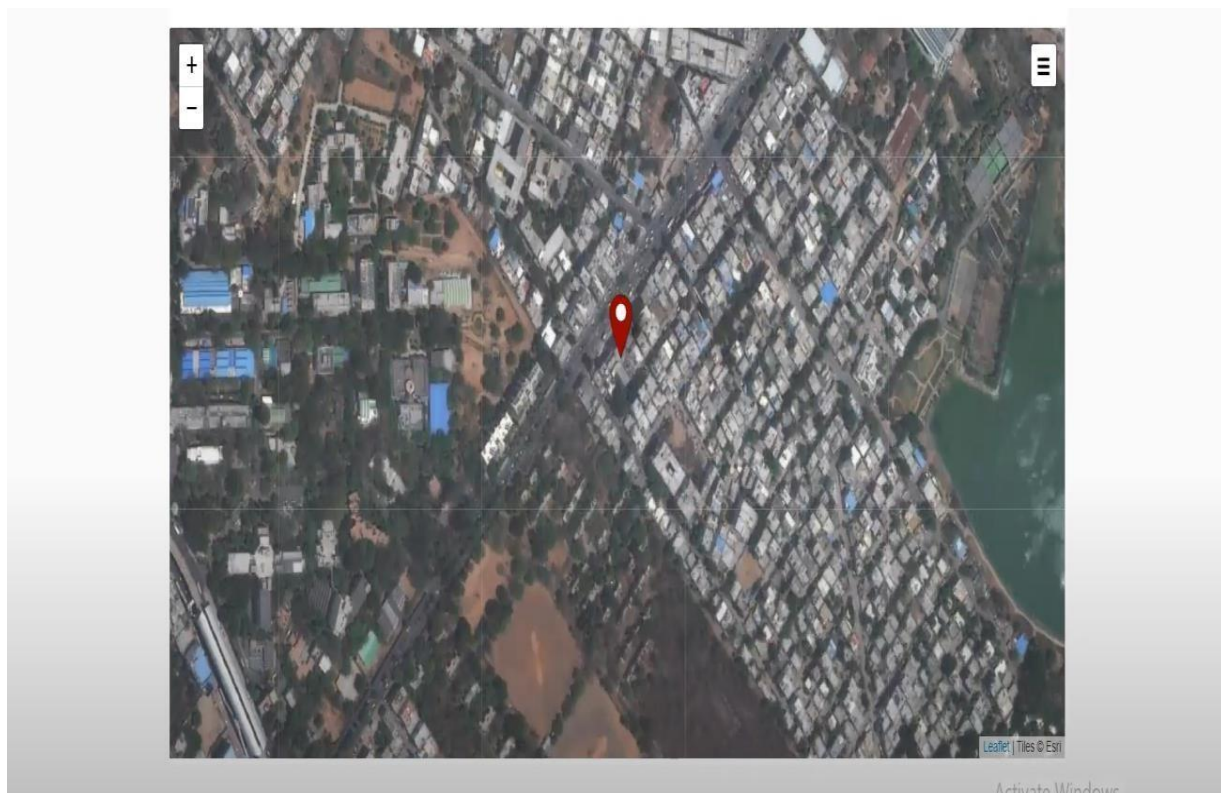
Ln: 37 Col: 0

22°C Partly sunny 7:51 AM 18-Nov-22

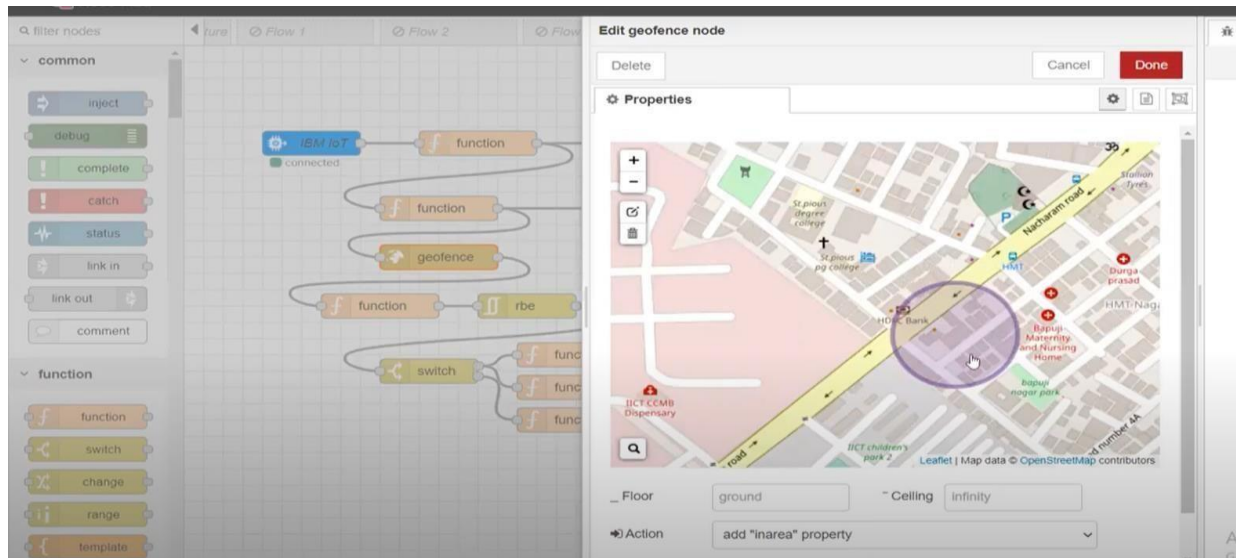
Step 3: Click the geo-fence node.



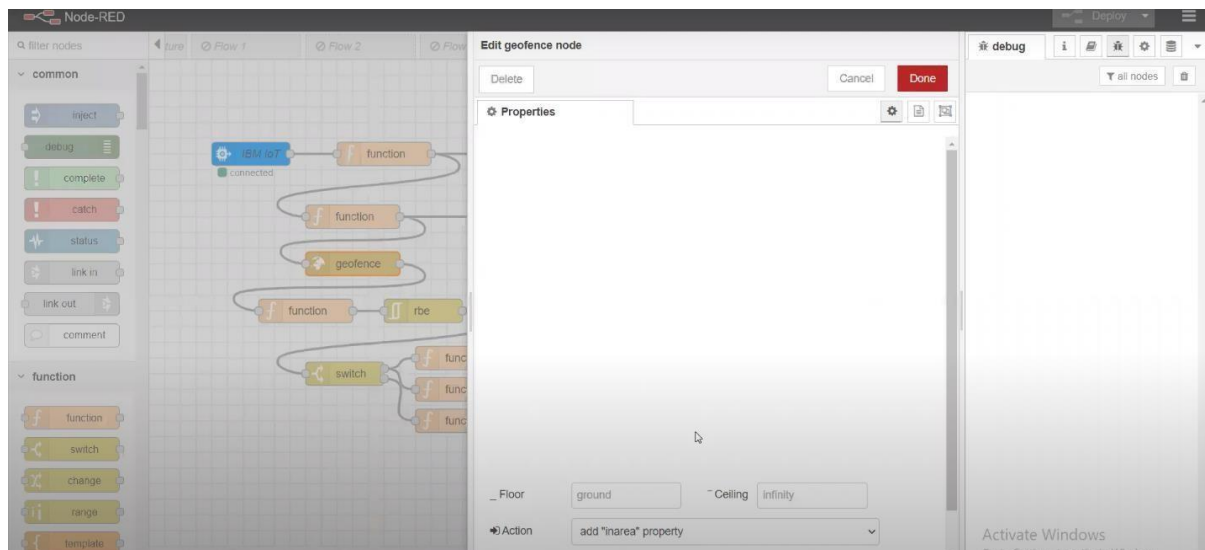
Step 4: Create the geo-fence area in the map.



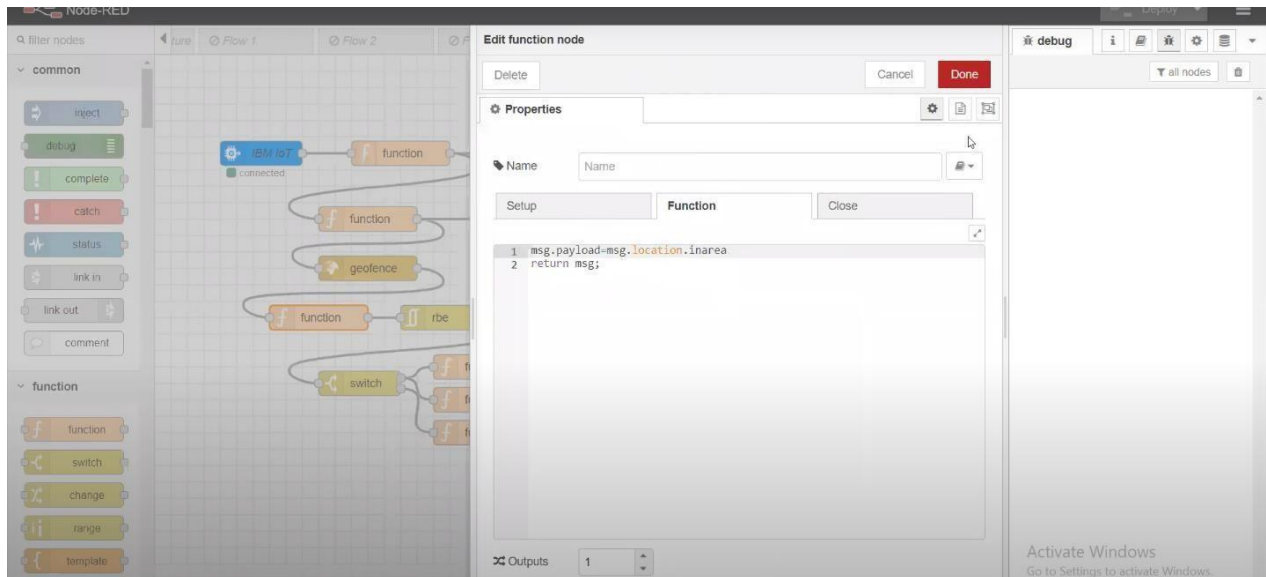
Step 5: Create geo-fence in a particular area.



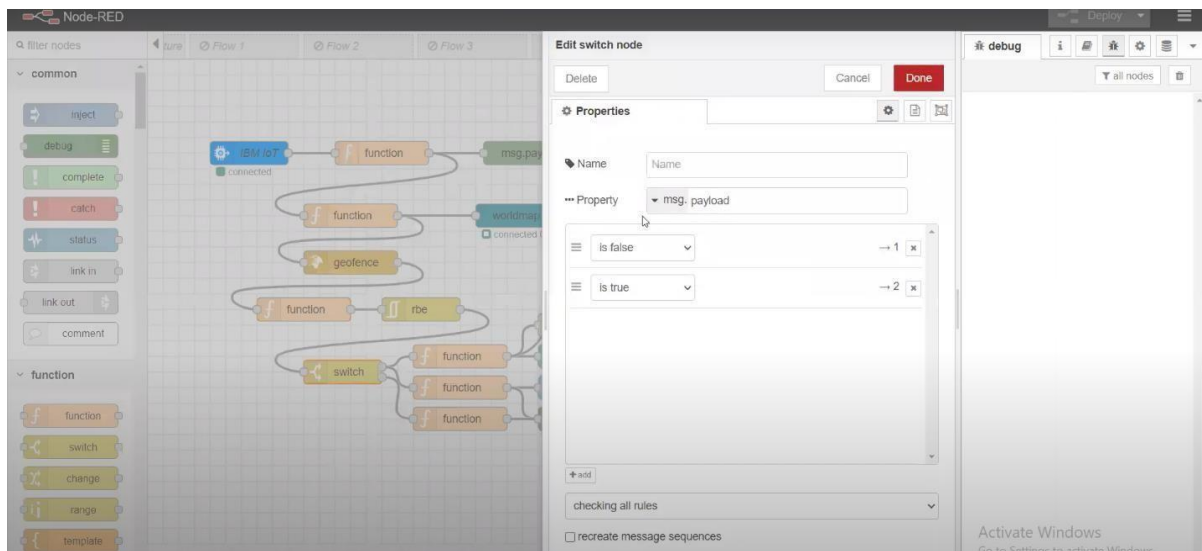
Step 6: Select the function block.



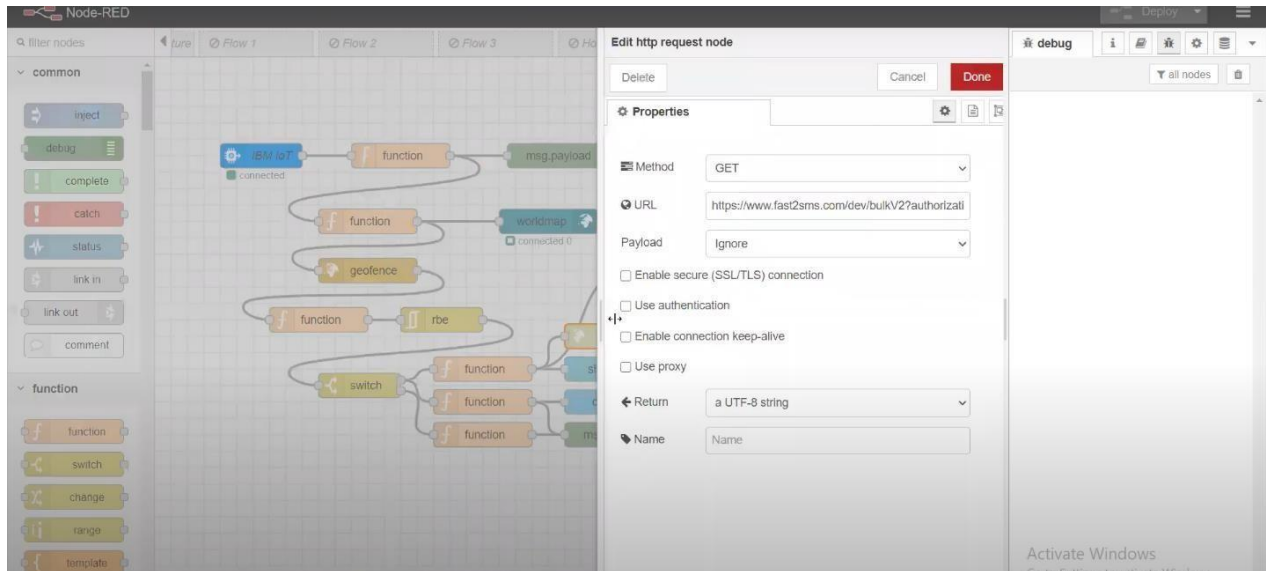
Step 7: Select the message payload.



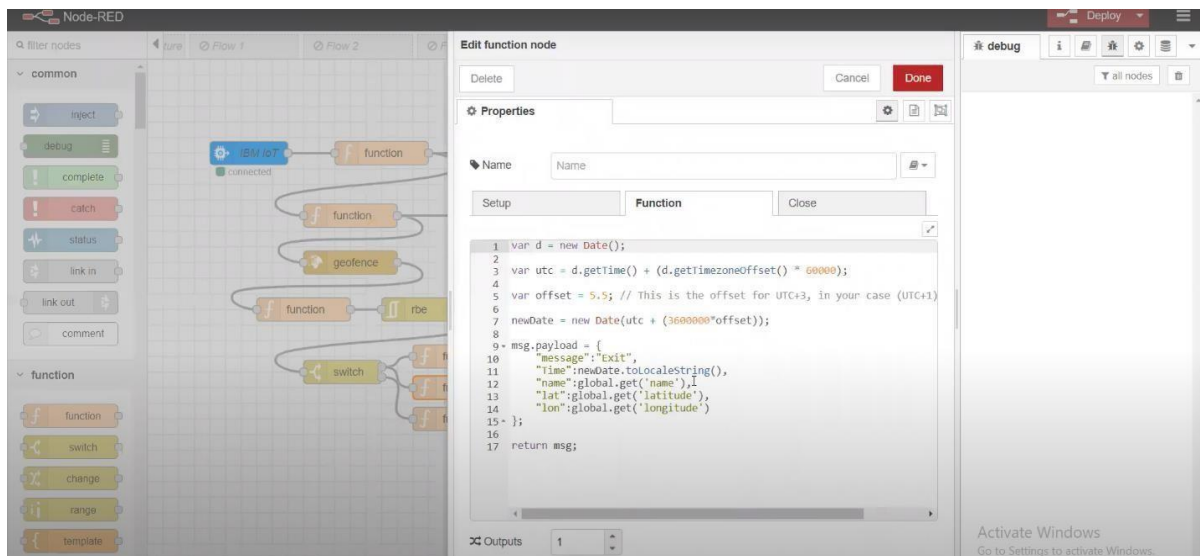
Step 8: To identify the person in area.



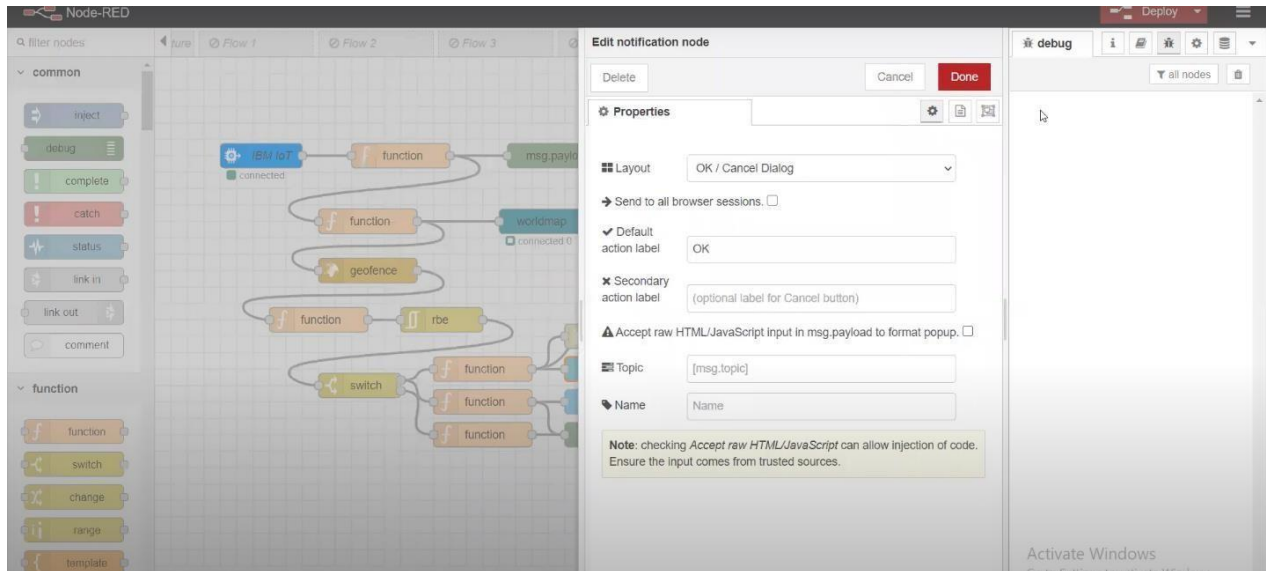
Step 9: Select the http request to send message to parent or guardian.



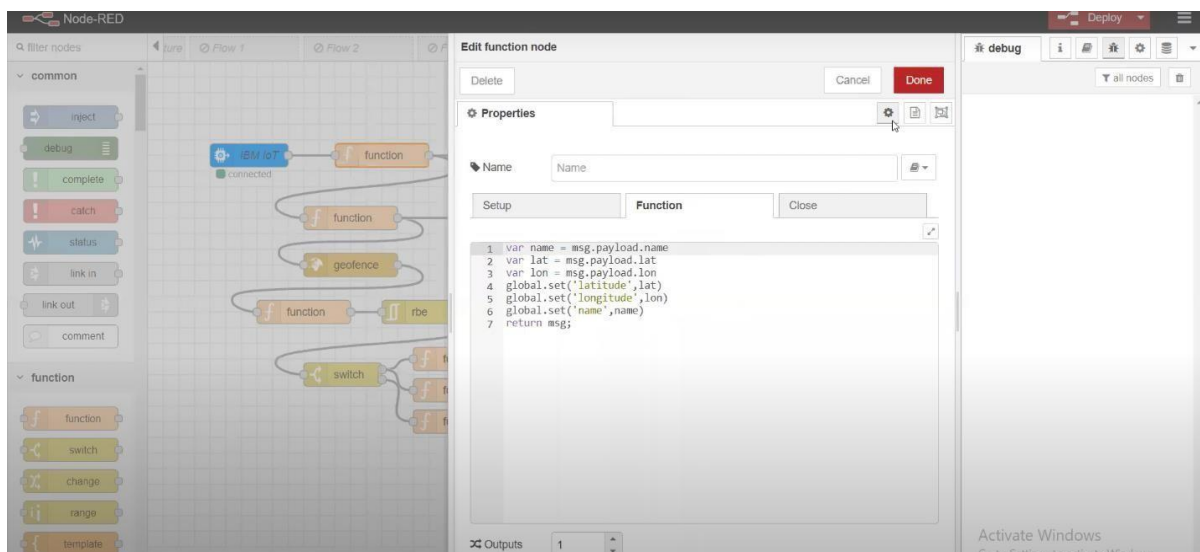
Step 10: For sending the message with time.



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.

