Develop the Web Application Using Node-RED

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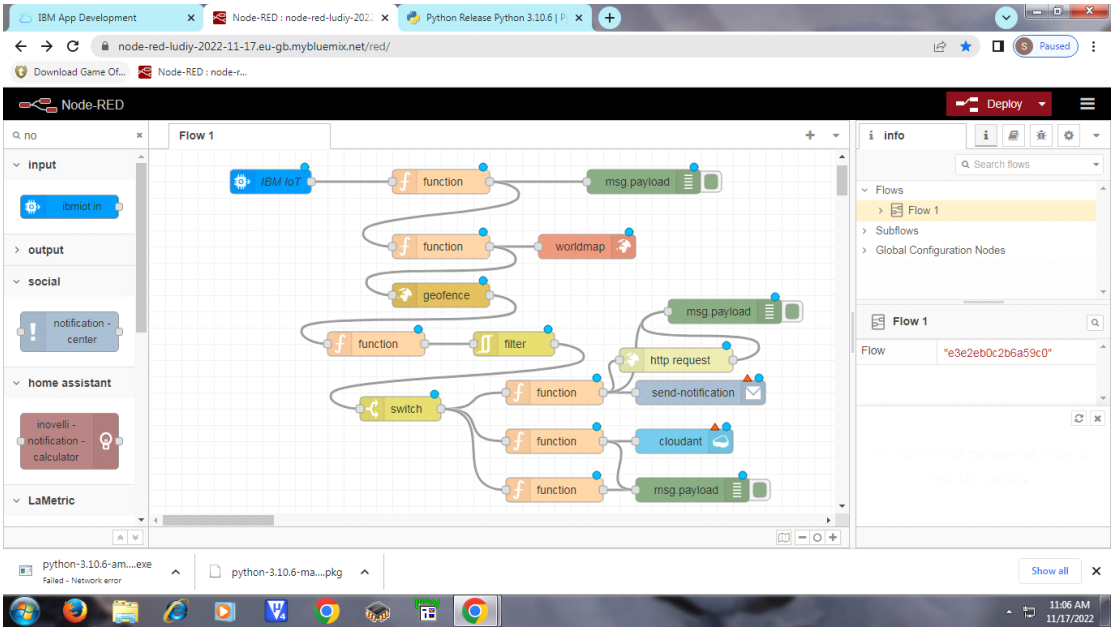
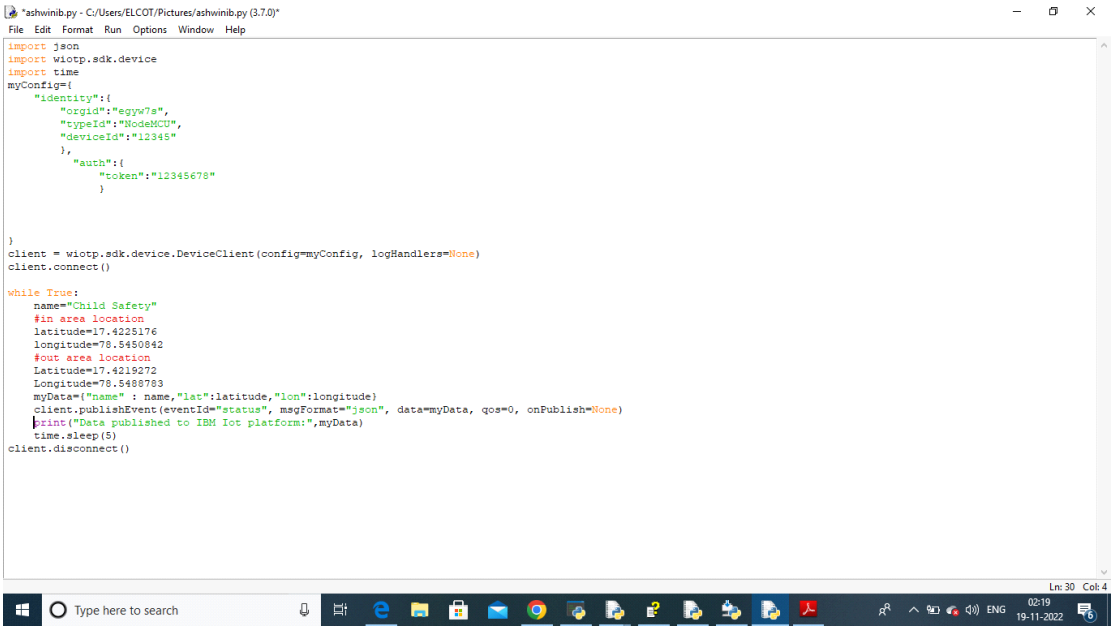
STEPS

1.Open a Node-RED Project

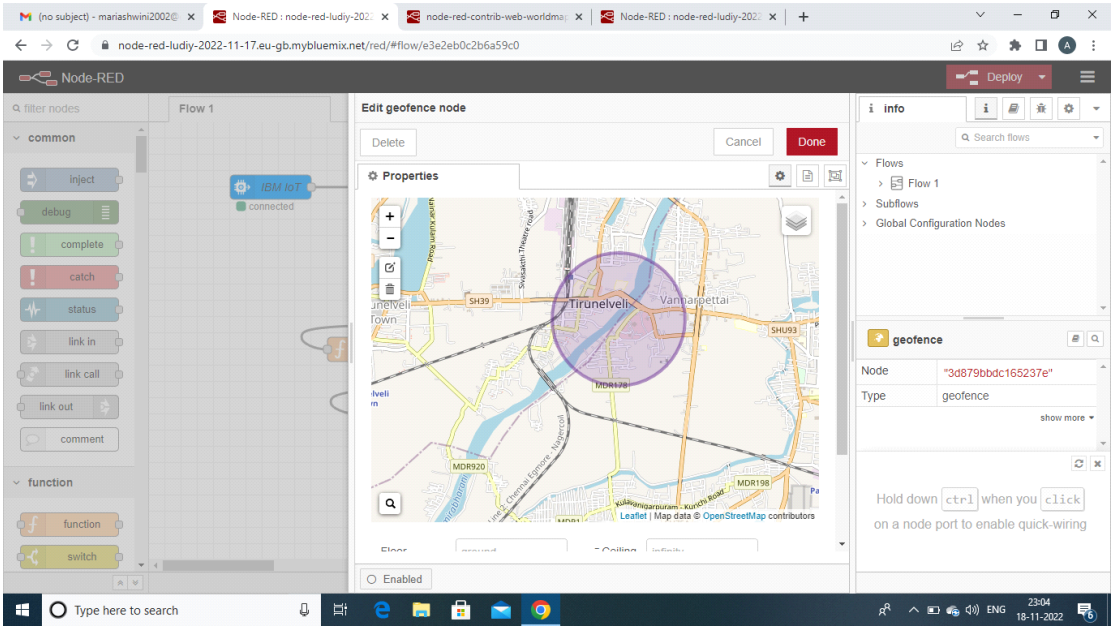


2.Add code to get the Child location in Python

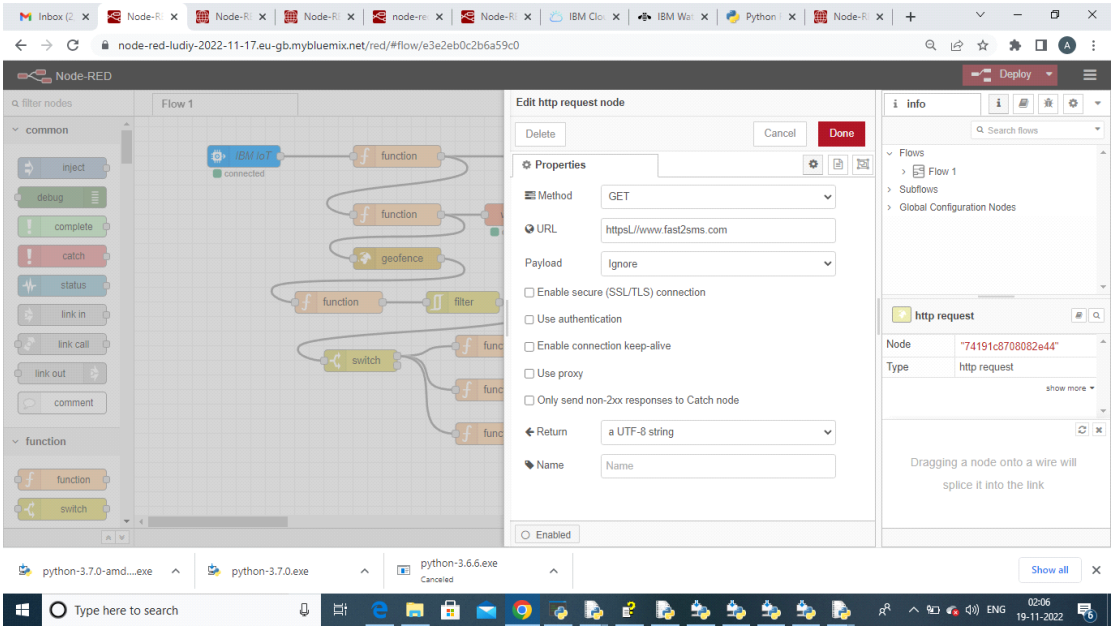


```
import json
import wiotp.sdk.device
import time
myConfig={
    "identity":{
        "orgid":"egyw7s",
        "typeId":"NodeMCU",
        "deviceId":"12345"
        },
          "auth":{
              "token":"12345678"
              }


}
client = wiotp.sdk.device.DeviceClient(config=myConfig, logHandlers=None)
client.connect()

while True:
    name="Child Safety"
    #in area location
    latitude=17.4225176
    longitude=78.5450842
    #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()
```

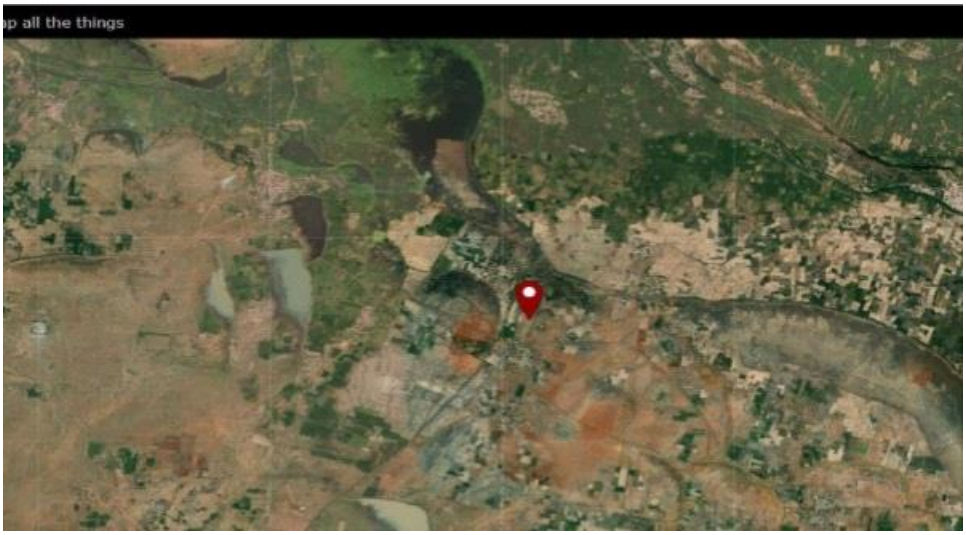
3.Create the Geofence



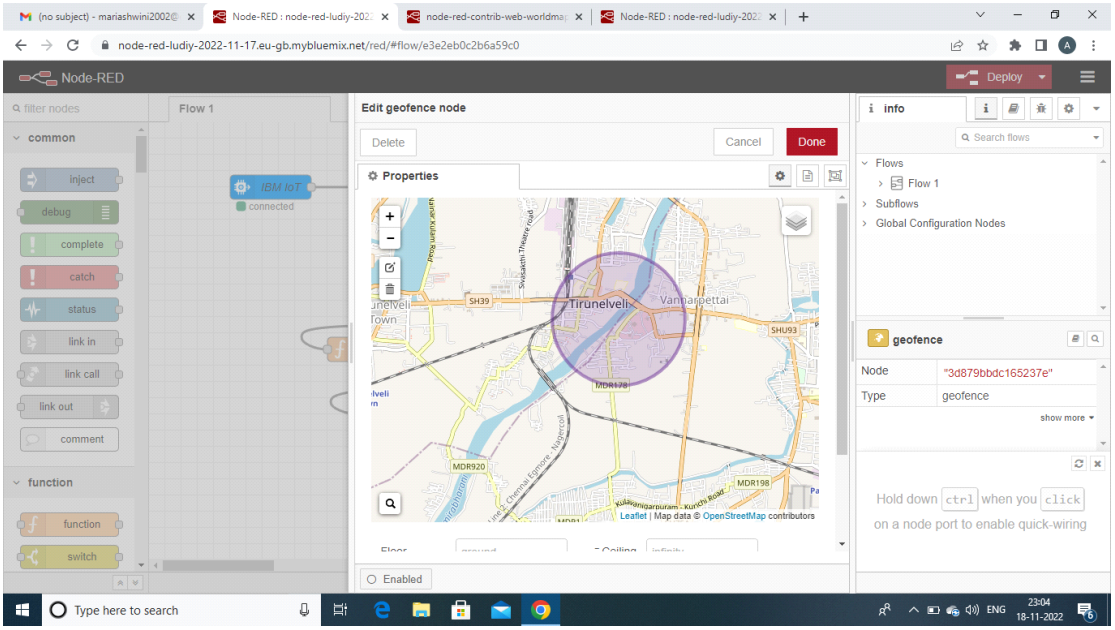
4.Edit the HTTP request URL



5.Locate the child



6.Create the geofence node



7.Python script send request to IBM Cloud and after running the script the web UI shows

"Person is not present in the particular area"


child
hdg : 0
lat, lon : 8.735792, 77.757797
parent
hdg : 0
lat, lon : 8.736138, 77.820633