Develop A Web Application Using Node-RED Service

Python code for transferring latitude and longitude:

```
import time
import sys
import ibmiotf.application
import ibmiotf.device
import random
organization="mkgfko"
deviceType="raspberrypi"
deviceId="12345"
authMethod="token"
authToken="12345678"
try:
  deviceOptions={"org": organization, "type": deviceType, "id": deviceId, "auth-
method": authMethod,"auth-token": authToken}
  deviceCli=ibmiotf.device.Client(deviceOptions)
except Exception as e:
  print("caught exception connecting device:%s" % str(e))
  sys.exit()
  deviceCli.connect()
while True:
     #in data
     name="kowshik"
     #lattitude=11.229592;
     #longtitude= 78.171158;
     #out data
```

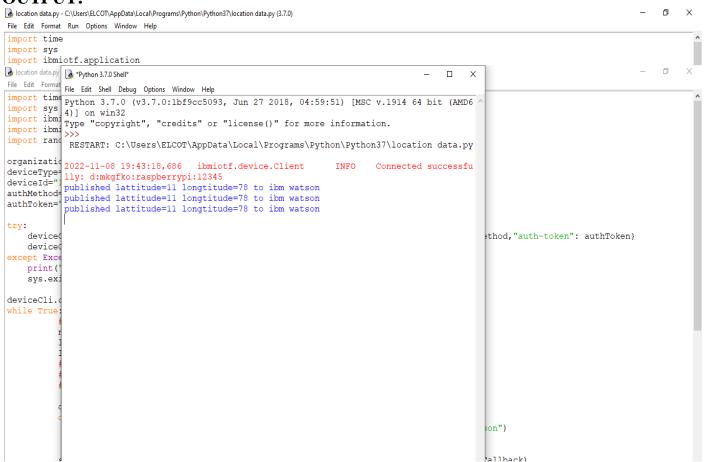
```
lattitude=12.7345;
longtitude=13.2020;

data={'lat':lattitude,'lon':longtitude,'name':name}
def myOnPublishCallback():
    print("published lattitude=%d" %lattitude,"longtitude=%d" %longtitude,"to ibm watson")

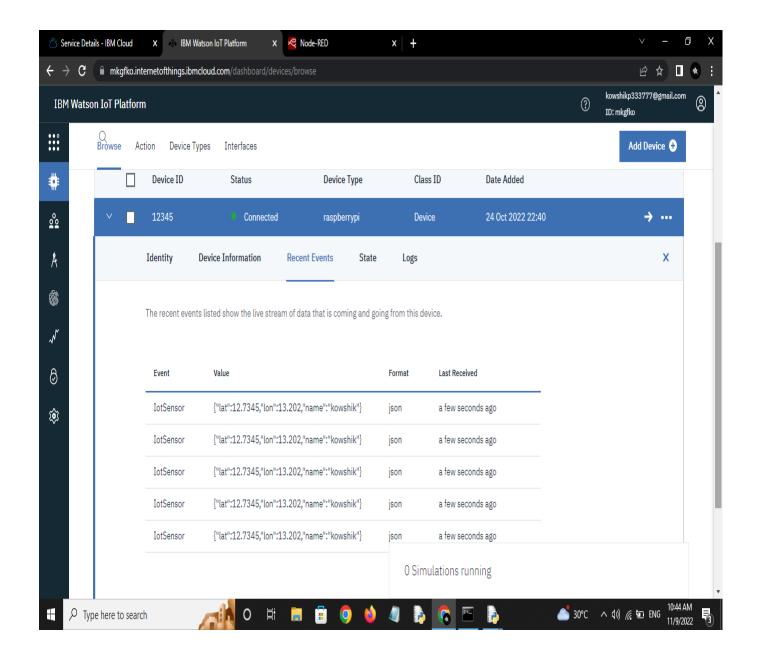
success=deviceCli.publishEvent("lotSensor","json",data,qos=0,on_publish=myOnPublishCallback)
    if not success:
        print("Not connected to loTF")
        time.sleep(3)

deviceCli.disconnect()
```

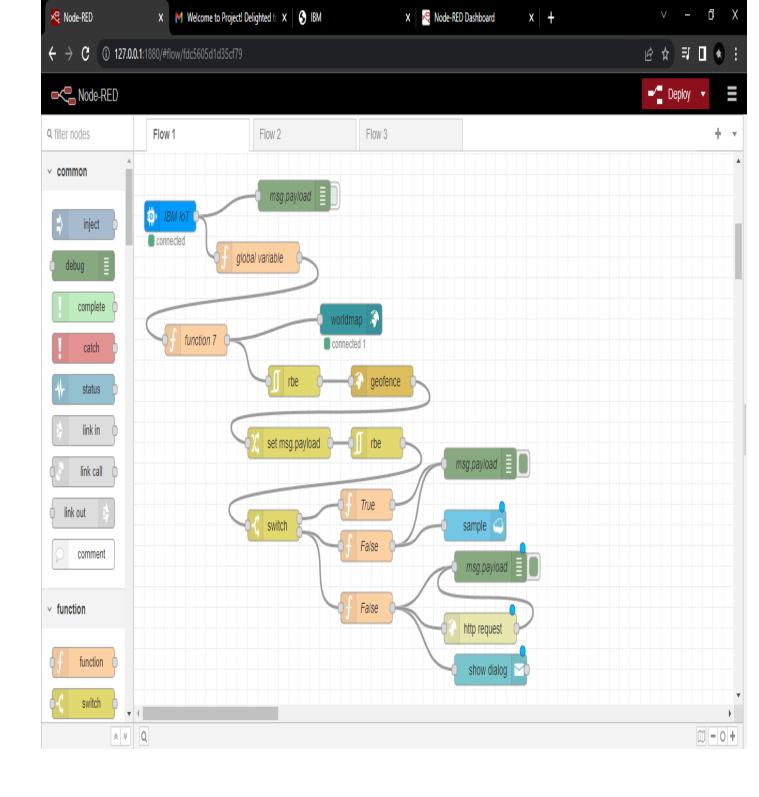
OUTPUT:



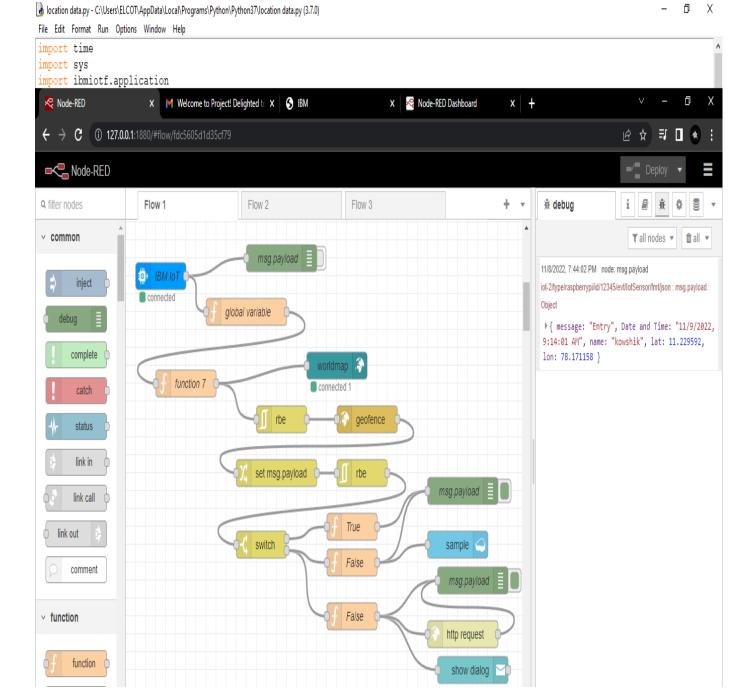
PUBLISHED DATA IN IBM WATSON IOT PLATFORM:



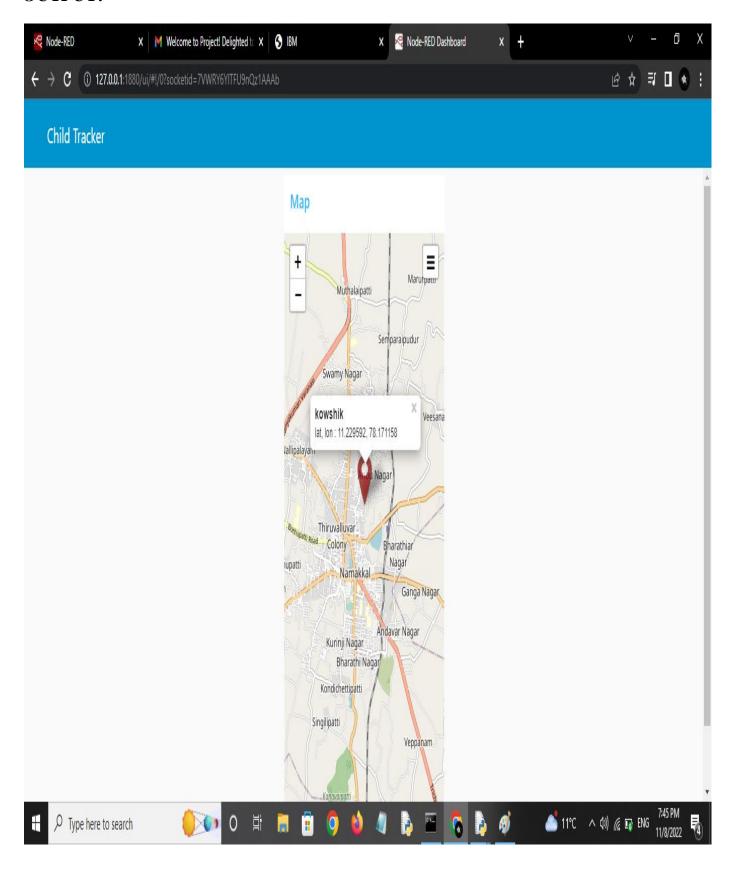
WEB APPLICATION USING NODE-RED:



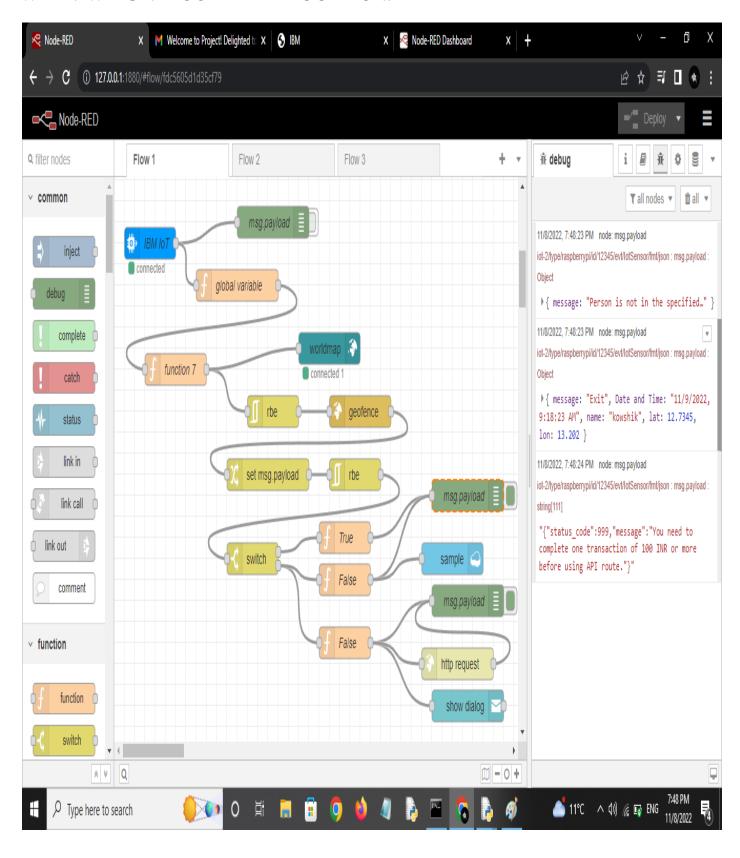
WHEN WE GIVE IN AREA LOCATION:



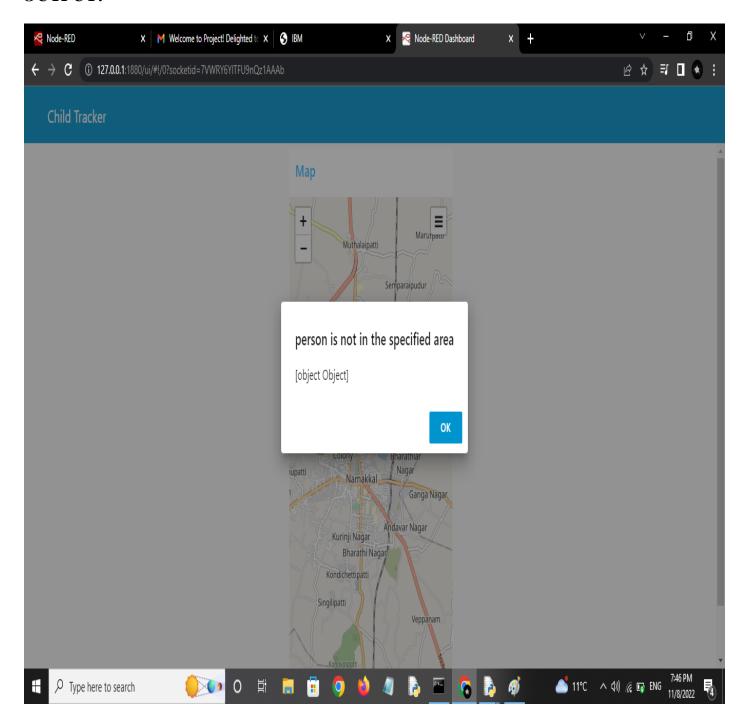
OUTPUT:



WHEN WE GIVE OUT AREA LOCATION:



OUTPUT:



STORED DATA IN THE DATABASE WE HAVE CREATED:

