Project guide view

Python code :

import wiotp.sdk.device

import time

import random

myConfig = {

"identity": {

"orgId": "9i3akk",

"typeId": "ESP32",

"deviceId":"27045"

},

"auth": {

"token": "Royal@2704"

}

}

def myCommandCallback(cmd):

print("Message received from IBM IoT Platform: %s" % cmd.data)

m=cmd.data

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

client.connect()

while True:

level=random.randint(200,500)

liters=random.randint(0,5000)

myData={'lubrication level is':level, 'lubrication in liters':liters}

client.publishEvent(eventId="status", msgFormat="json", data=myData, qos=0, onPublish=None)

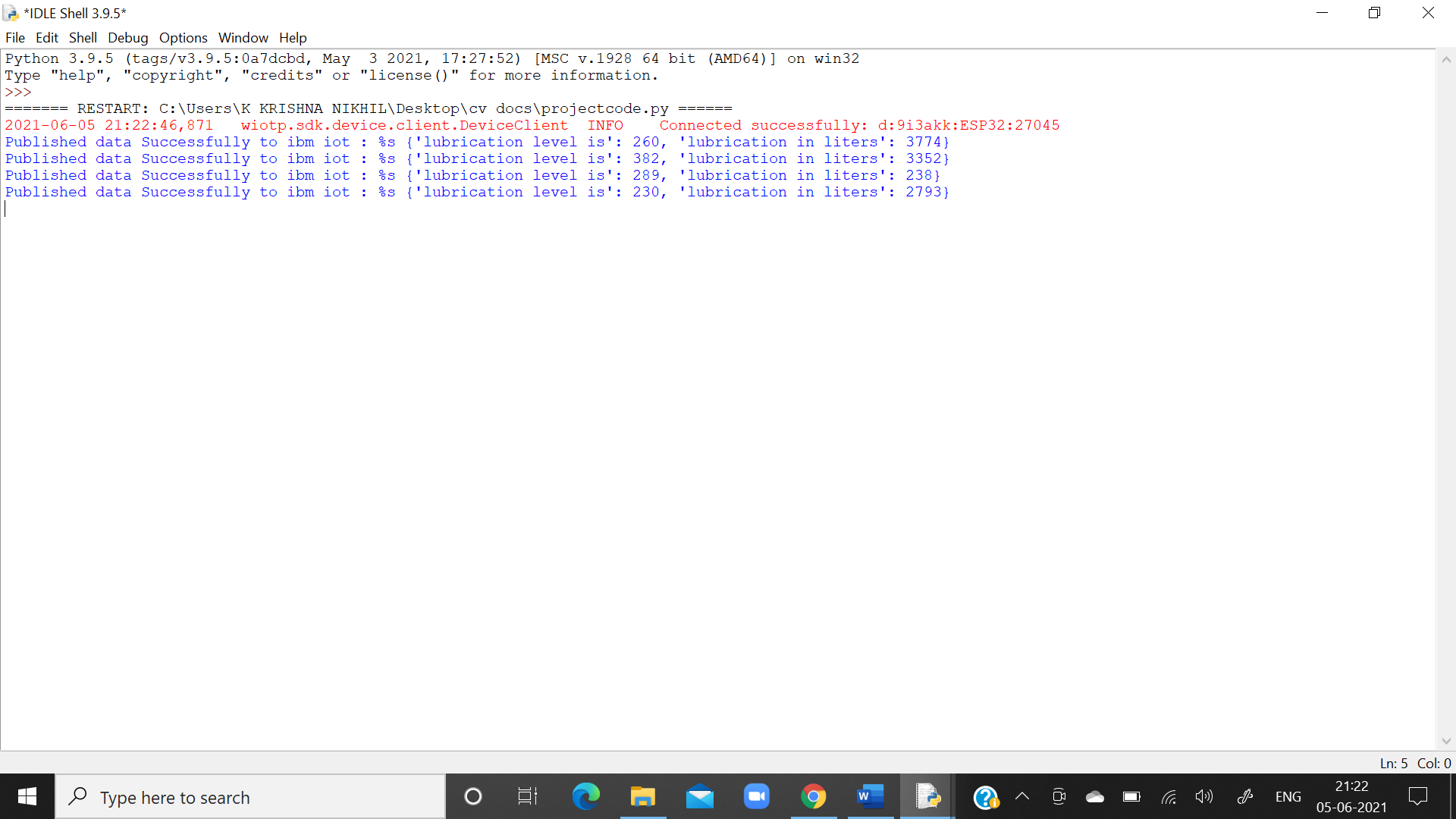
print("Published data Successfully to ibm iot : %s", myData)

client.commandCallback = myCommandCallback

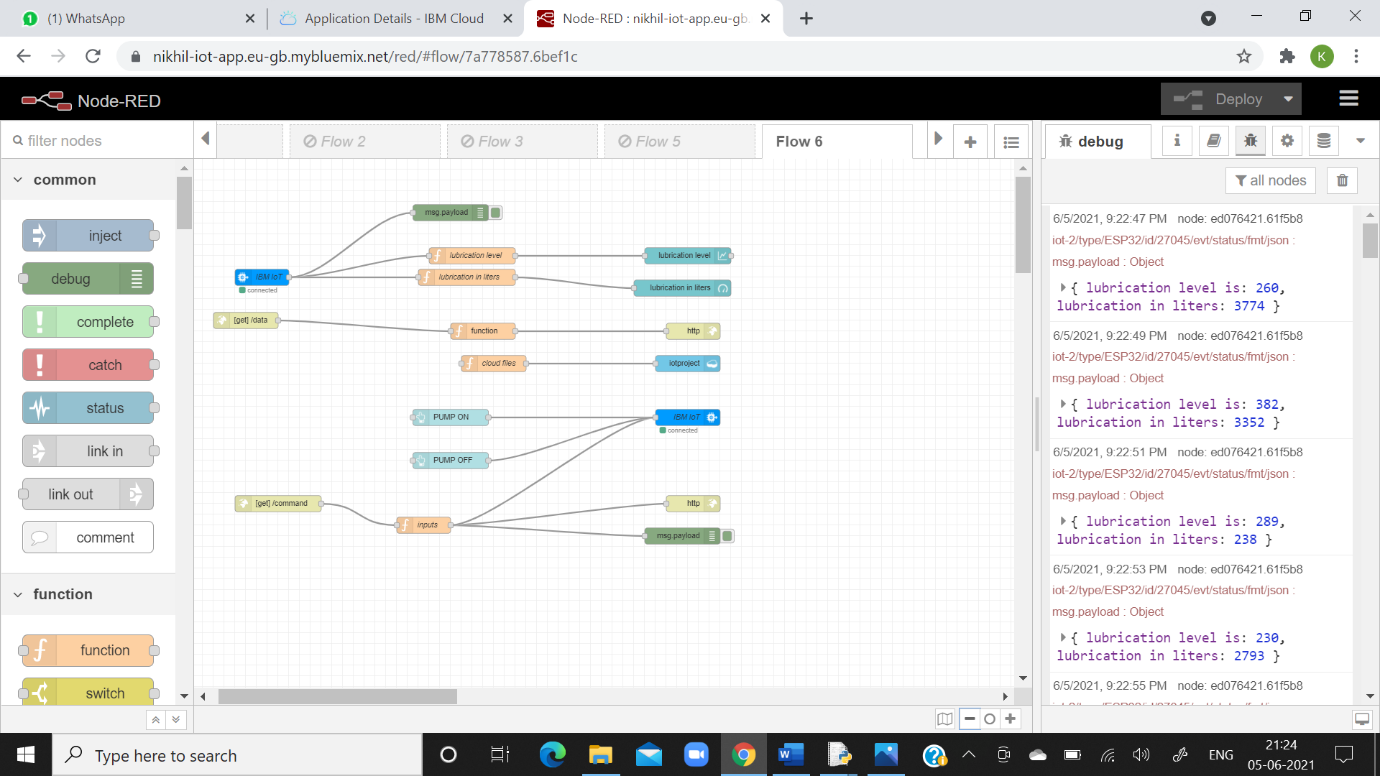
time.sleep(2)

client.disconnect()

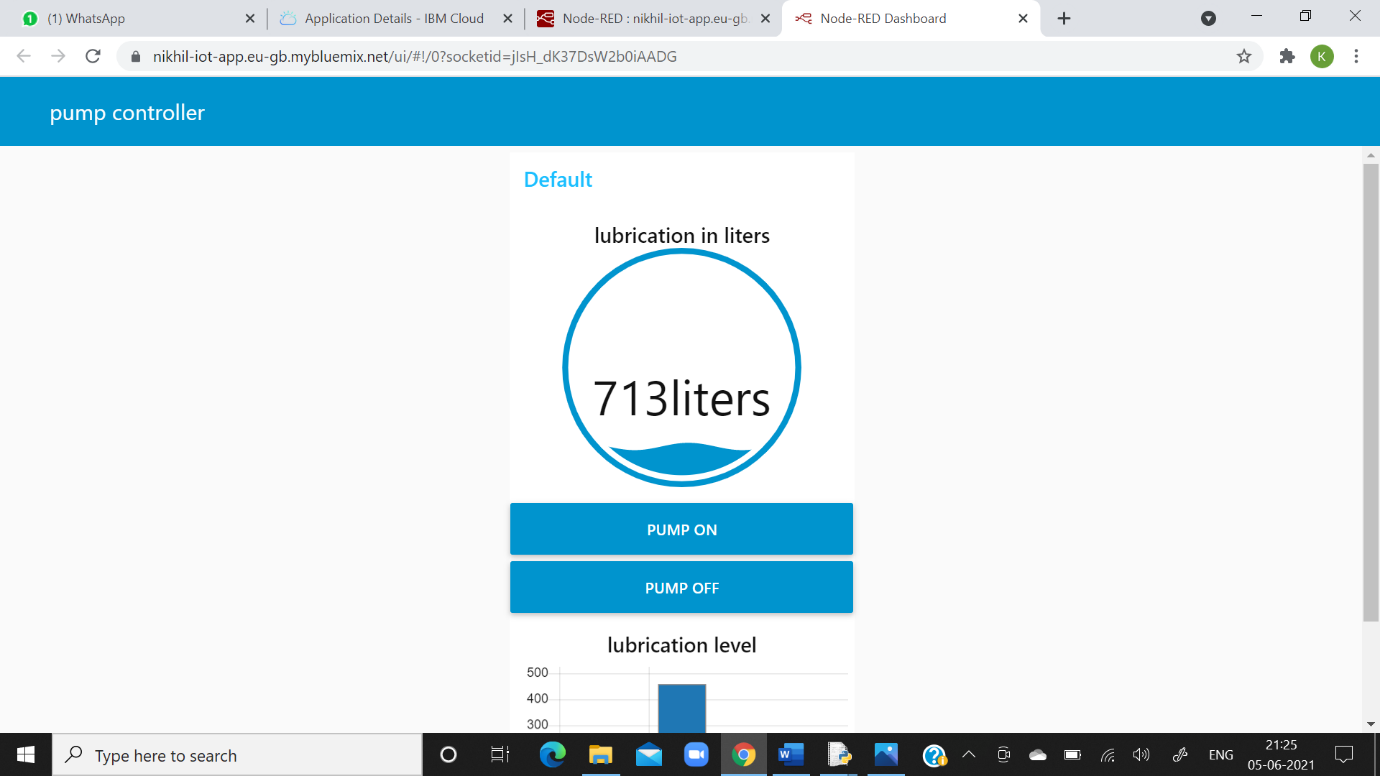
->OUTPUT (idle):

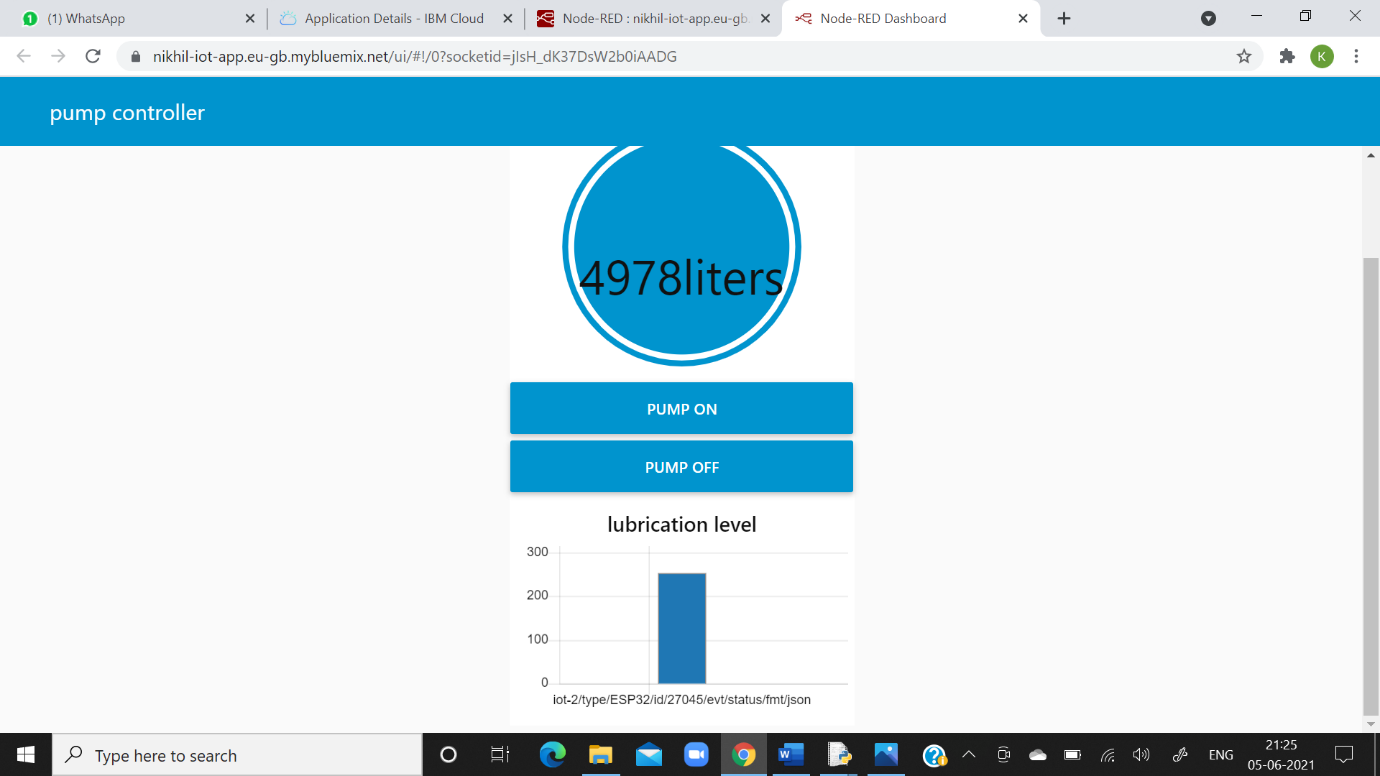


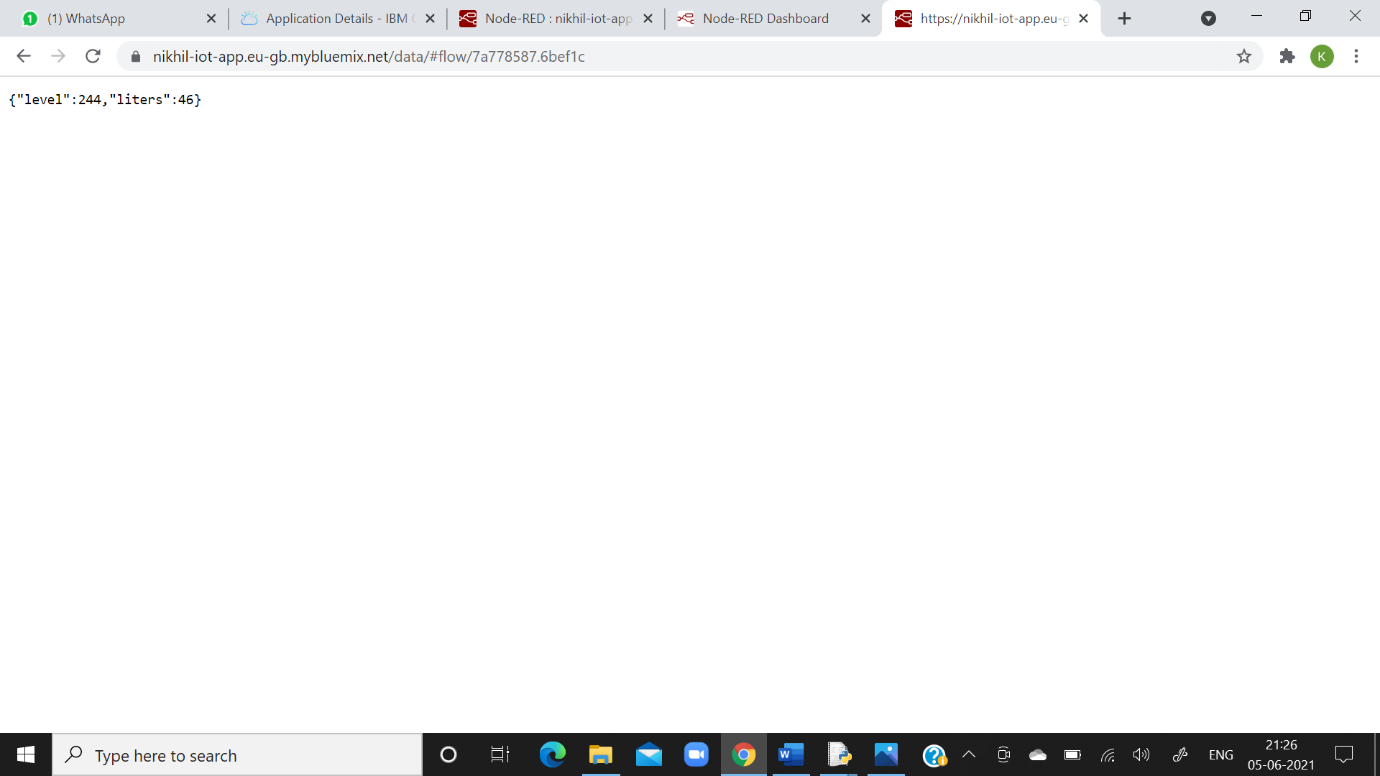
->node red flow:



->node red ui:







->mit application:

