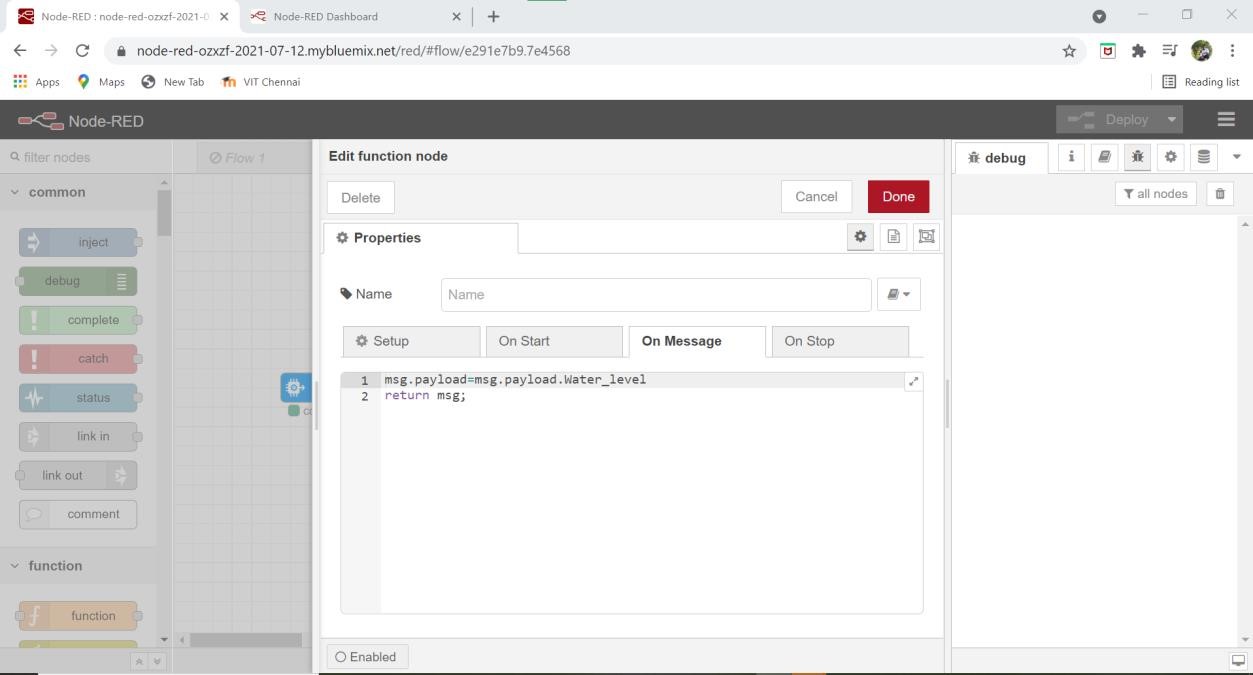
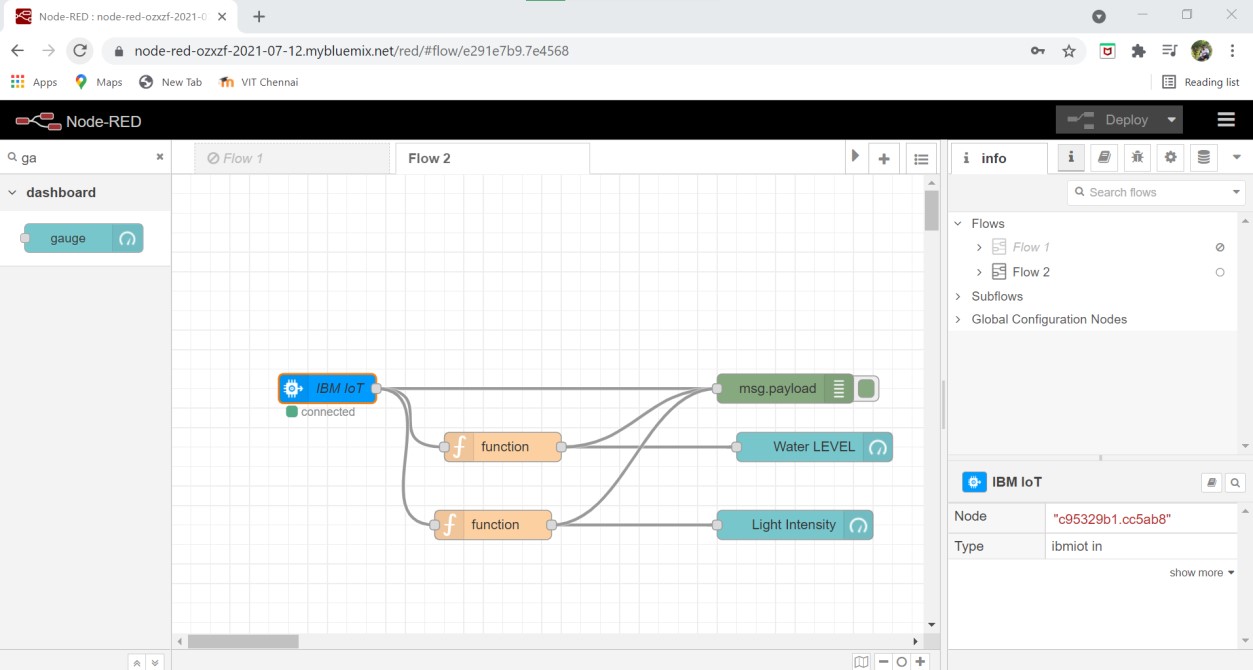
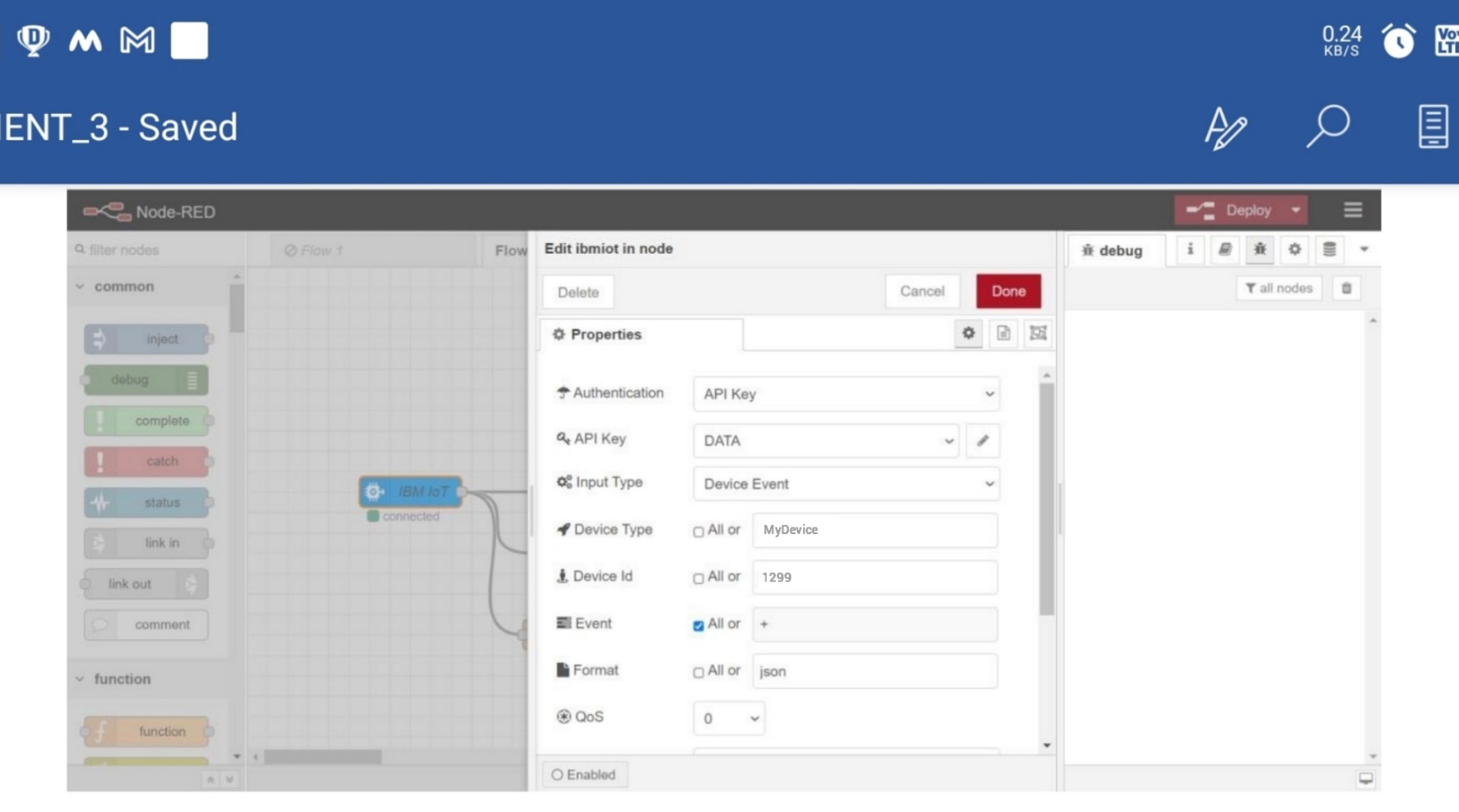
MOHAN SAI PRAGADA

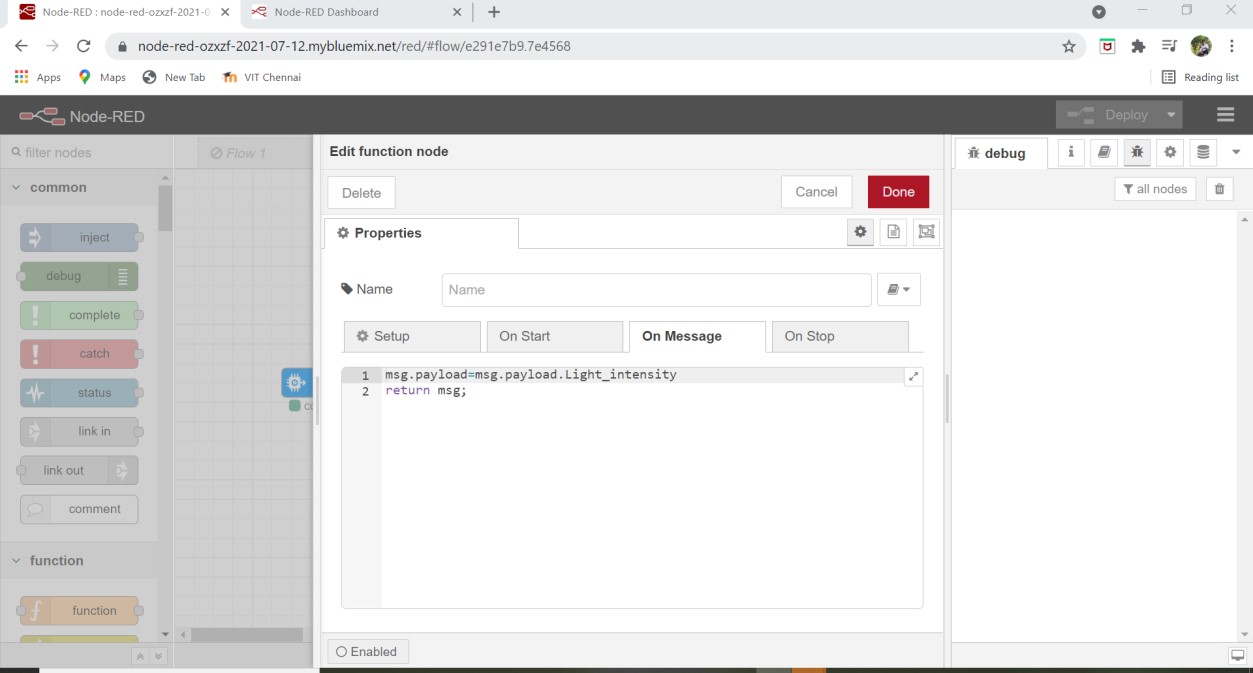
mohansai.pragada2019@vitstudent.ac.in

ASSIGNMENT 3:-

Develop a code to upload the water tank level and light intensity values to the IBM IoT platform and visualize them in the web application.







**CODE:**

import wiotp.sdk.device import time import random

myConfig = {

"identity": {

"orgId": "pyf40j",

"typeId": "MyDevice",

"deviceId":"1299"

},

"auth": {

"token": "9989513351"

}

}

def myCommandCallback(cmd):

print("Message received from IBM IoT Platform: %s" % cmd.data['command']) m=cmd.data['command']

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

client.connect()

while True:

level=random.randint(0,10) intensity=random.randint(100,1500)

myData={'level':level, 'intensity':intensity} client.publishEvent(eventId="status", msgFormat="json", data=myData, qos=0, onPublish=None) print("Published data Successfully: %s", myData) client.commandCallback = myCommandCallback

time.sleep(2) client.disconnect()

AFTER STIMULATION:



