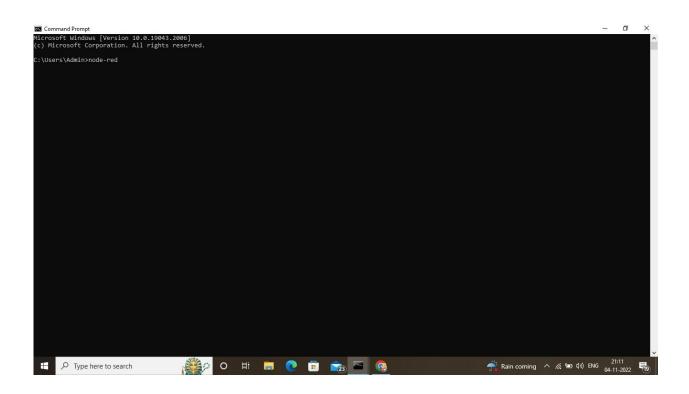
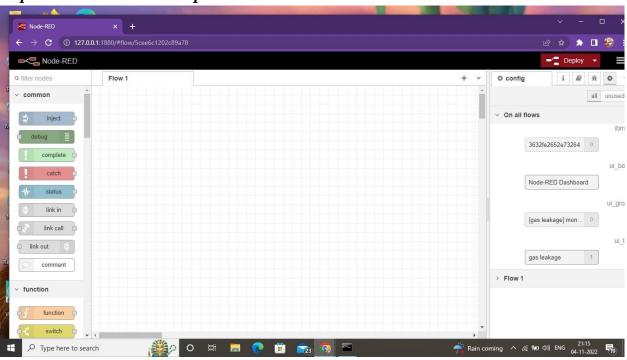
# **Project Development Phase Delivery of Sprint 2**

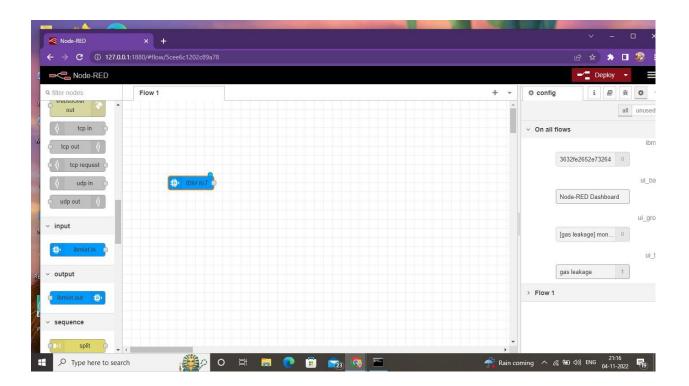
DATE	05 NOVEMBER 2022
TEAM ID	PNT2022TMID28798
PROJECT NAME	GAS LEAKAGE DETECTION AND ALERTING
MAXIMUM MARKS	20

# Step1: Install node red and open node red in command prompt

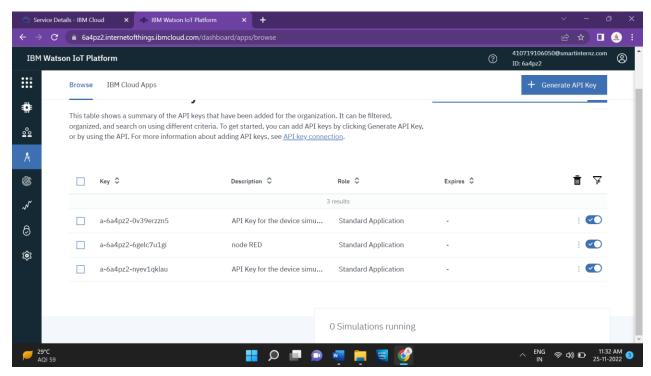


Step 2: Select IBM IoT input in node

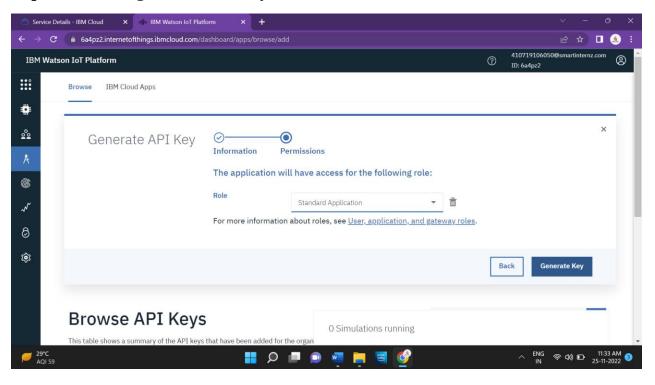




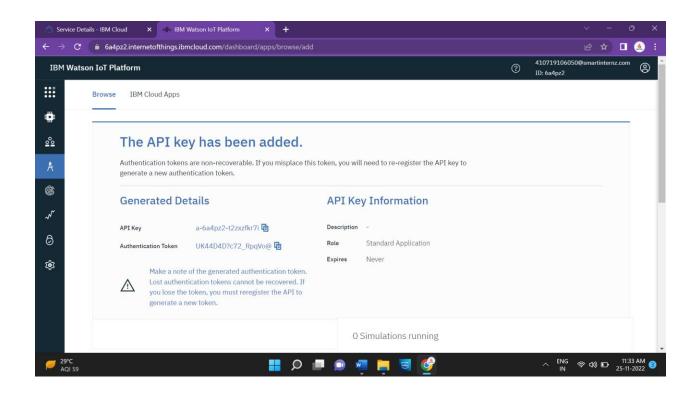
## Step 3: In IBM Watson platform, go to apps



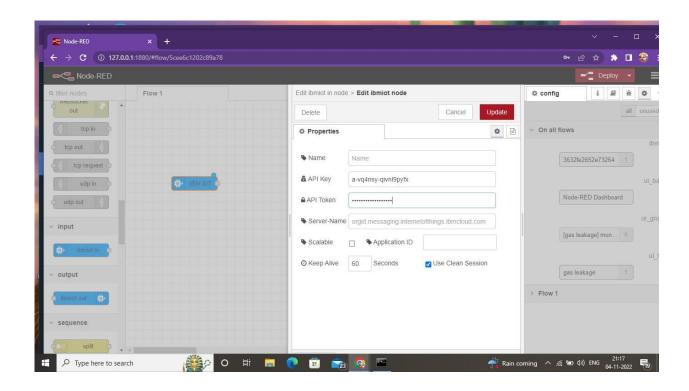
Step 4: Click on generate API keys

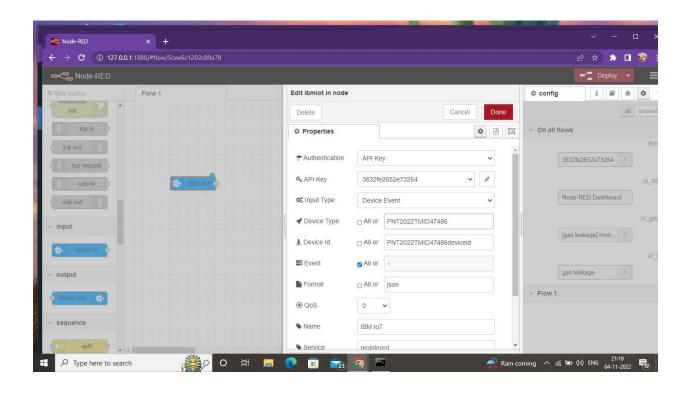


## Step 5: Generated API key Details

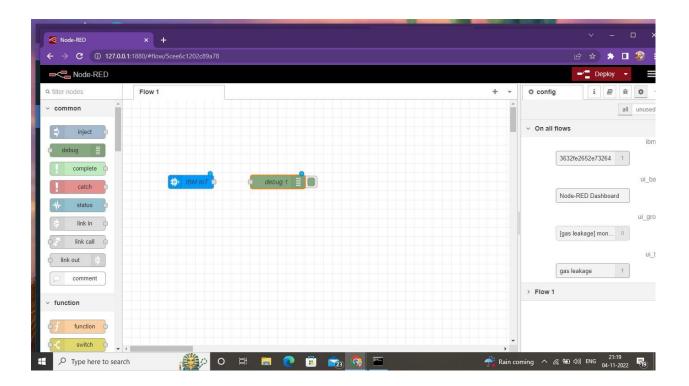


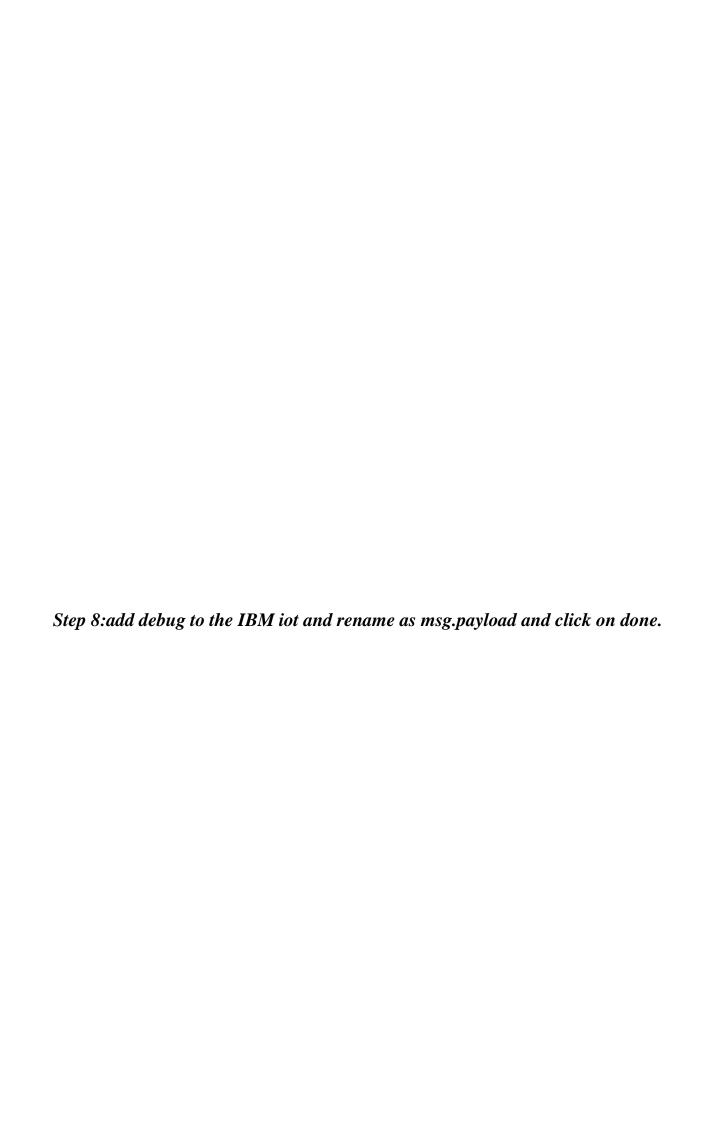
## Step6: Copy and paste the generated API key in node red

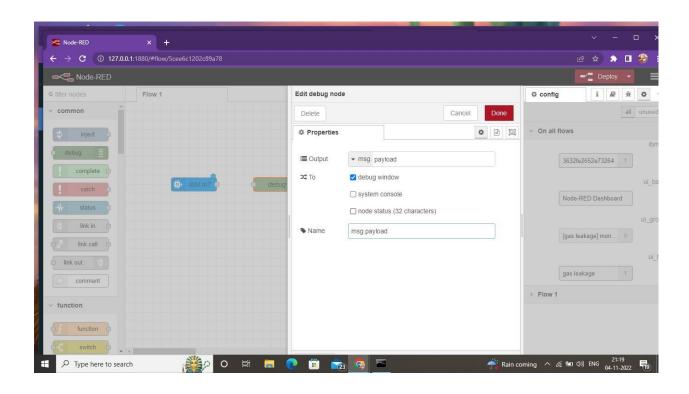


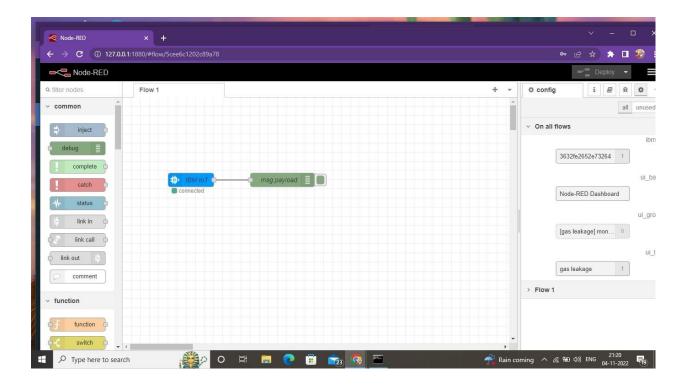


Step 7:after completing all the details click in done button

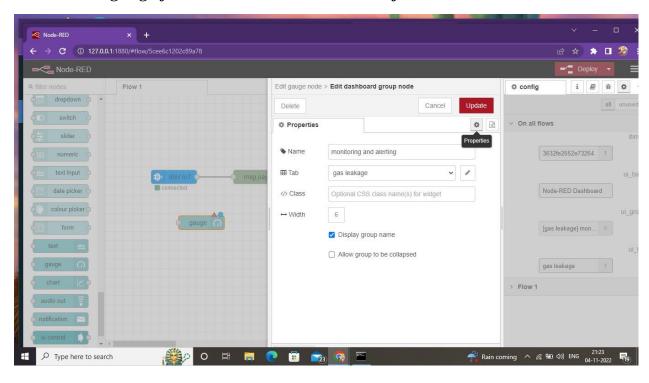


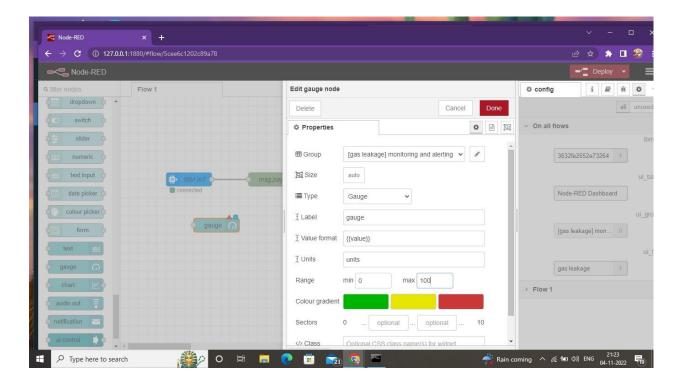






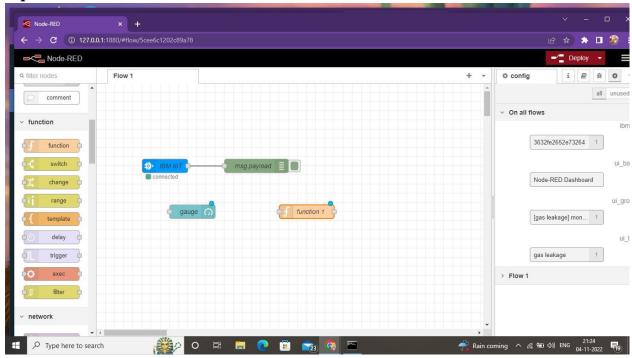
Step 10: Click gauge from the dashboard node and fill the details





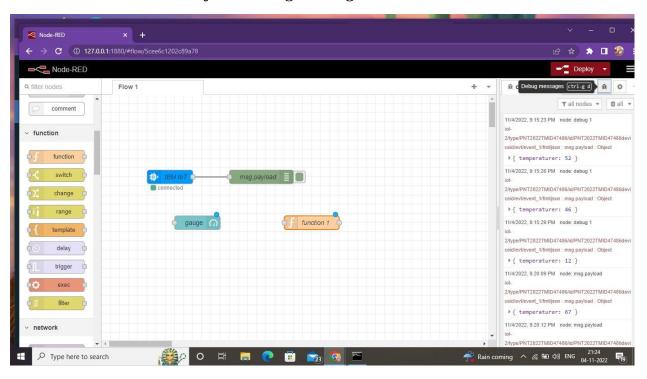
Add functions to the gauge

## **Step 11:**

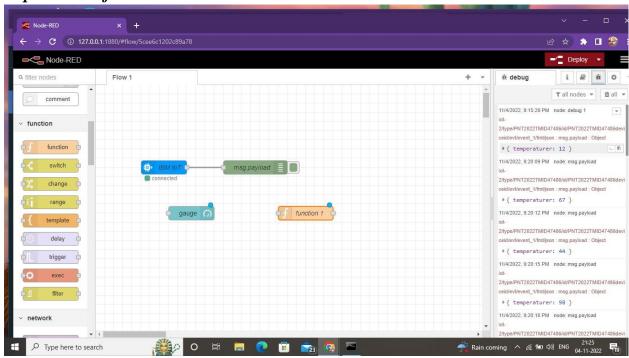


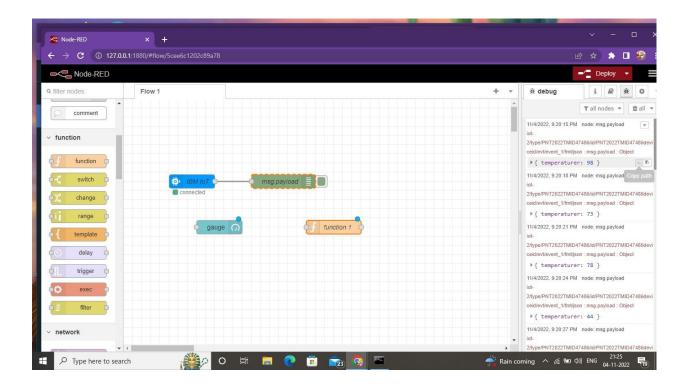
#### **Step 12:**

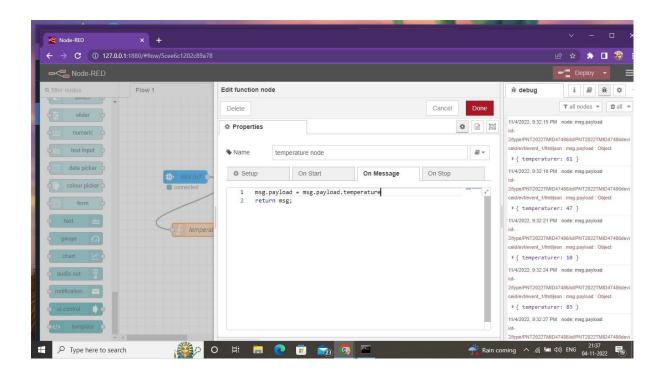
## Check the values from debug messages



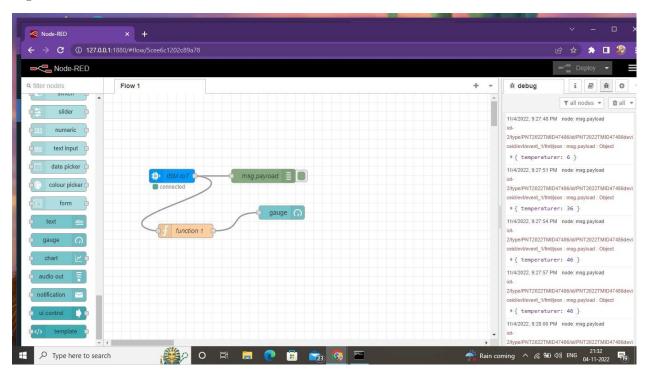
Step 12: Edit function node

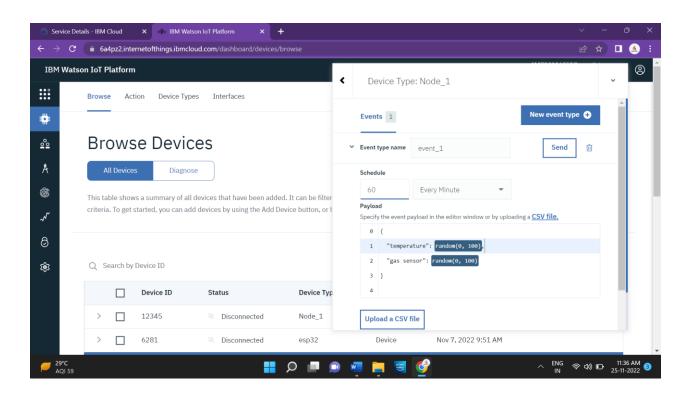




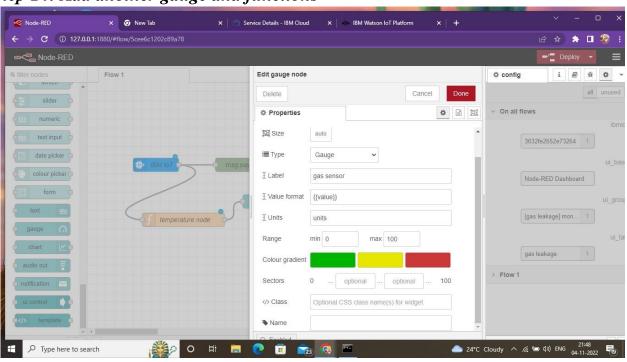


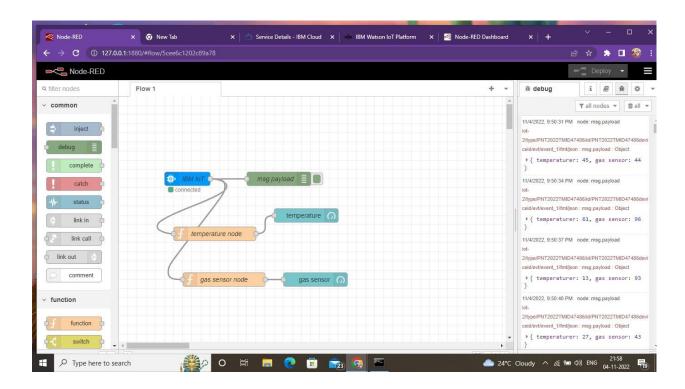
#### Step 13: Connect them

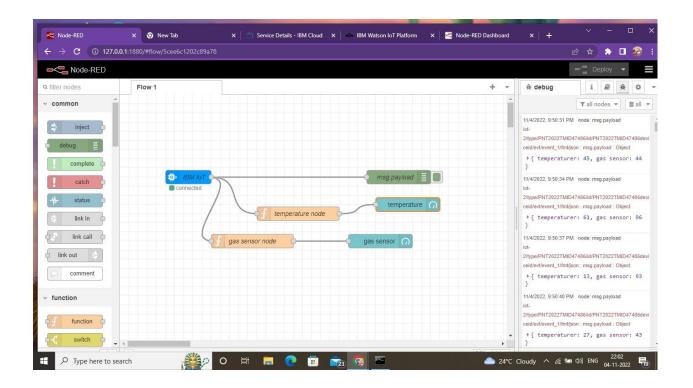




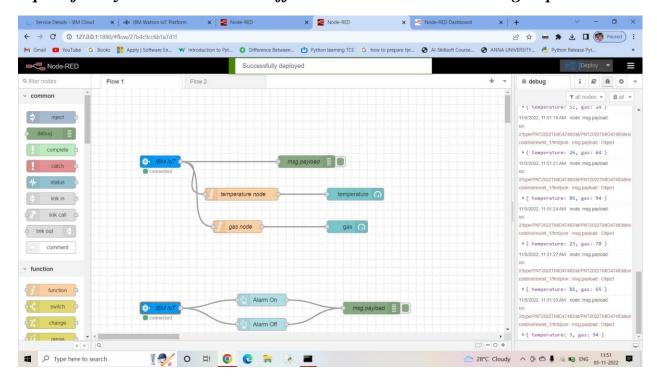
Step 14: Add another gauge and functions



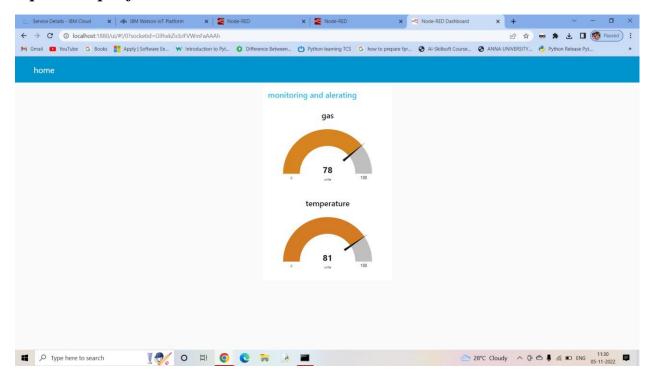




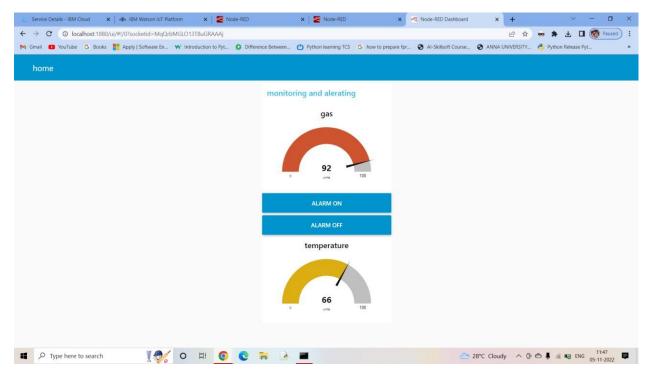
## Step15: finally add alarm on and off buttons to IBM iot and debug.step



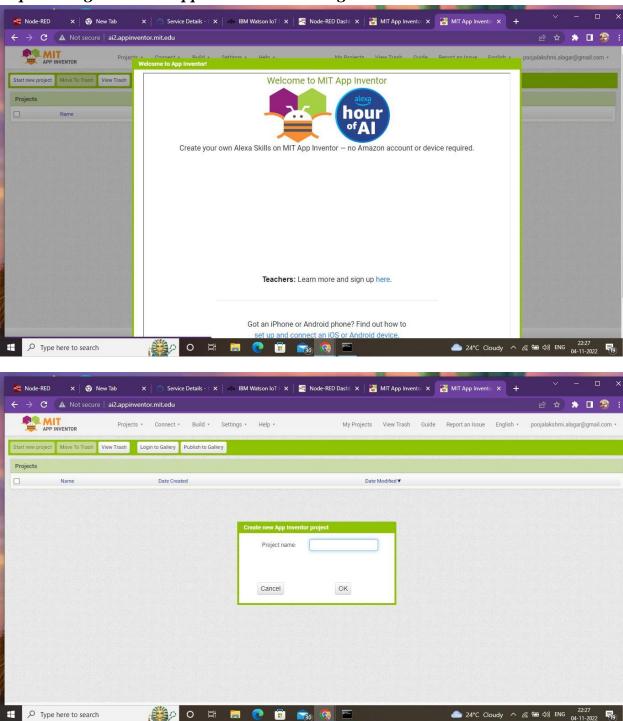
# Step16: Output from node red

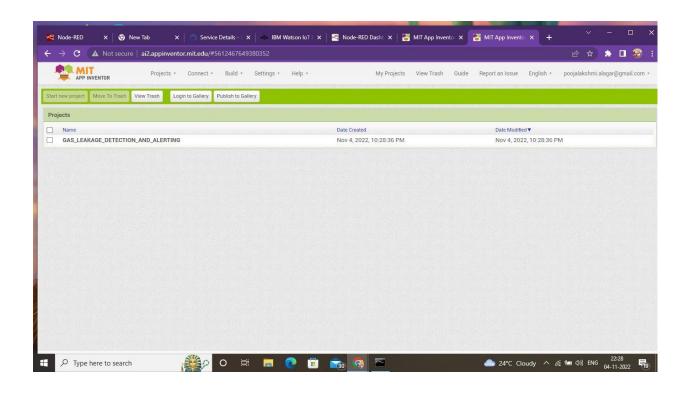


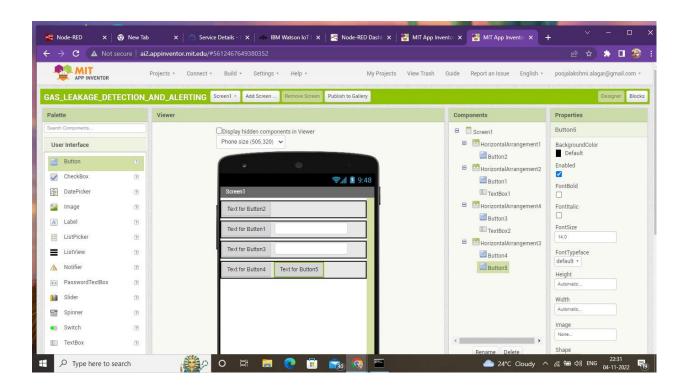
# Step17: Output with light on and off button



Step 18: Login to MIT app inventer and design







Step 19: The Output

