# CREATE IBM WATSON IOT PLATFORM AND DEVICE

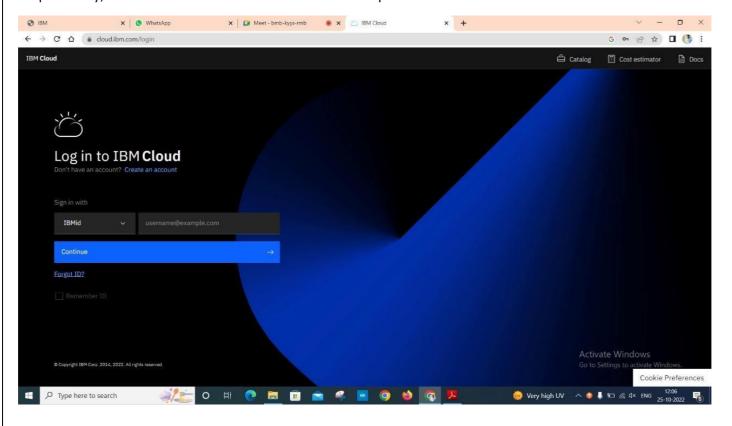
Date	25 October 2022
Team ID	PNT2022TMID04619
Project Name	Gas leakage monitoring and alerting system for industries

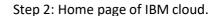
# AIM:

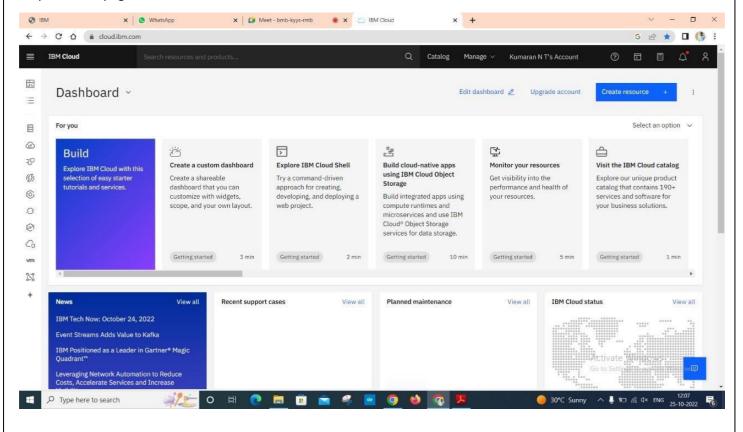
To create the IBM Watson IoT platform and device.

# Steps to be followed

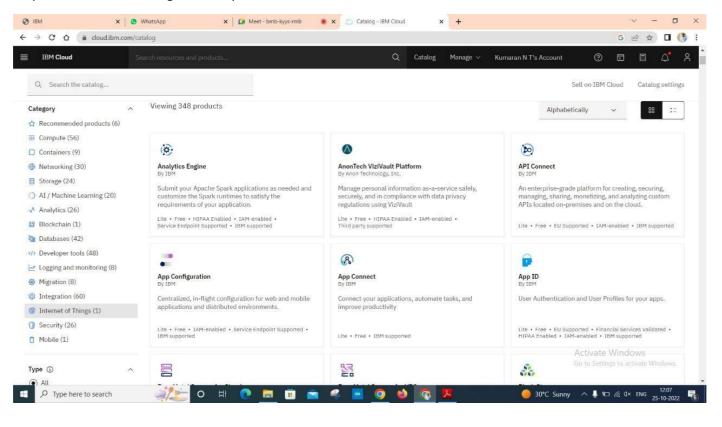
Step 1: Firstly, create an IBM cloud account with IBM id and password.



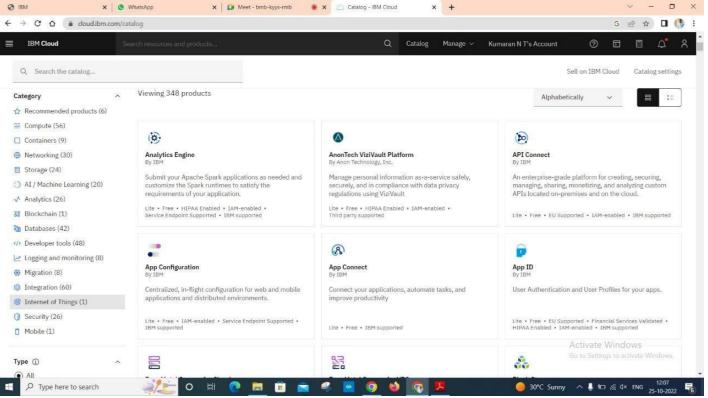




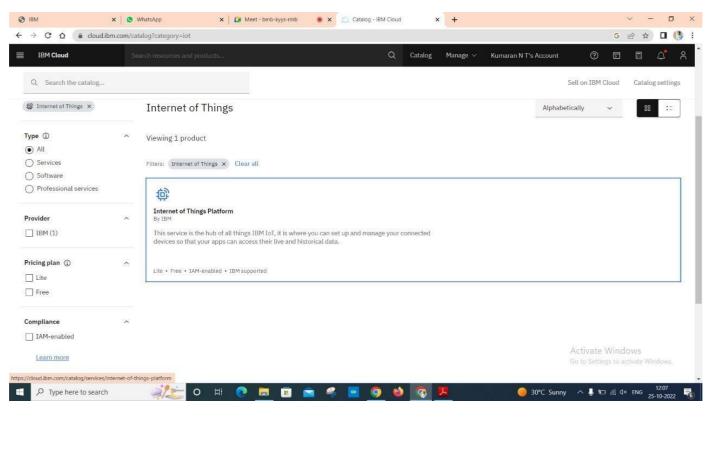
### Step 3: Click on the catalog on the top.



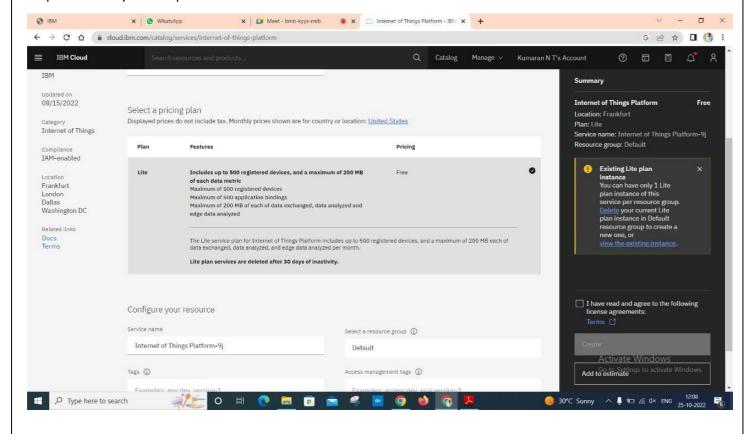




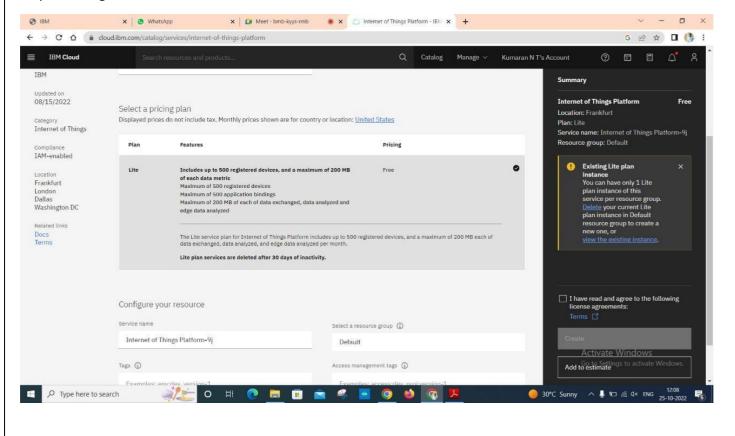
# Step 5: Click on Internet of Things Platform.

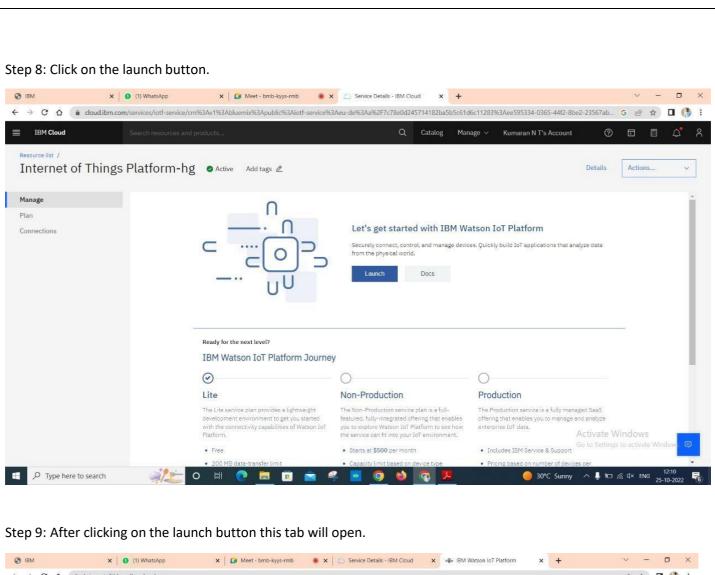


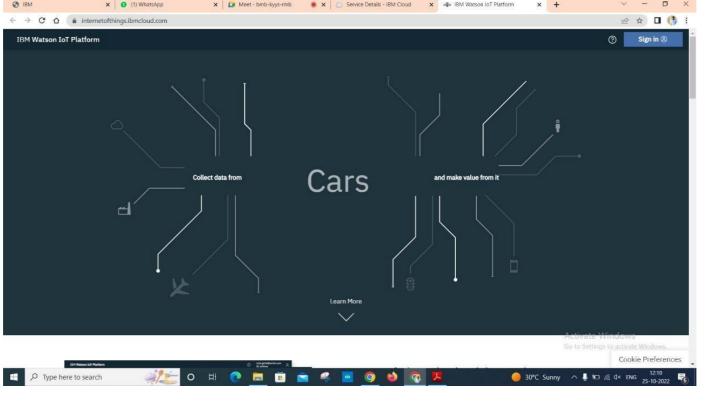
# Step 6: If already a lite is present delete it else u can't create another.

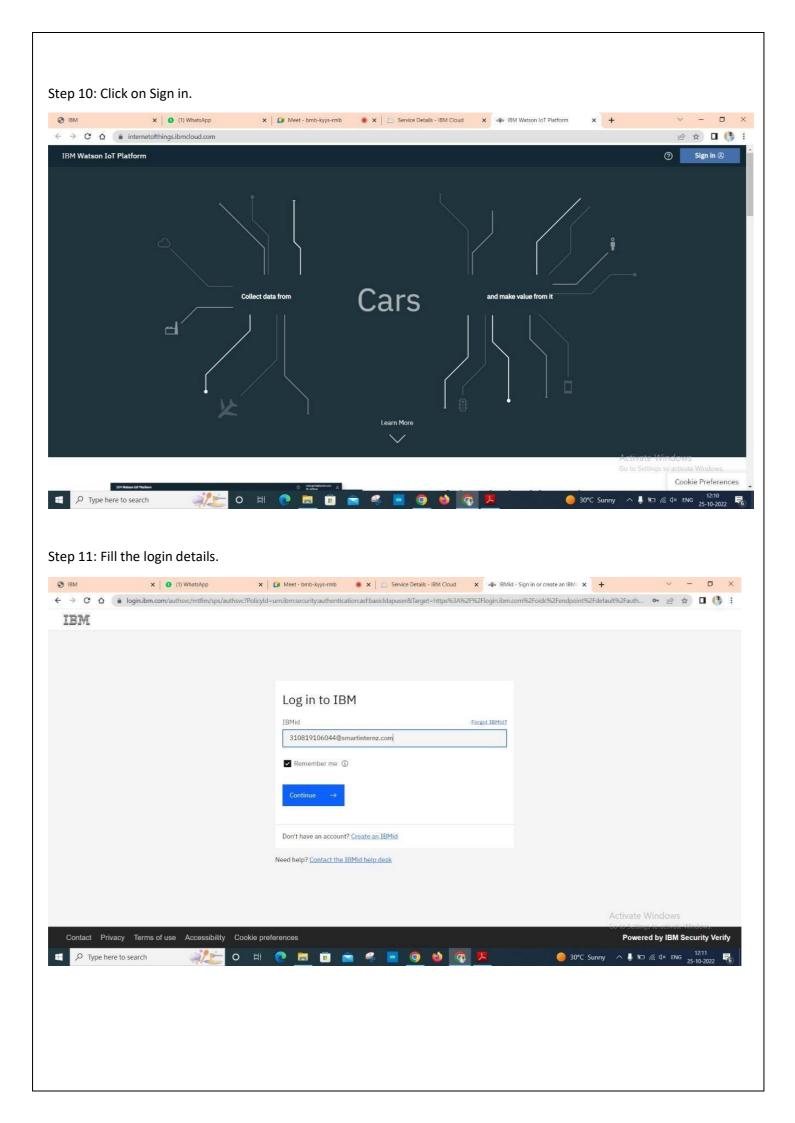


### Step 7: Tick agreements and then click on create.

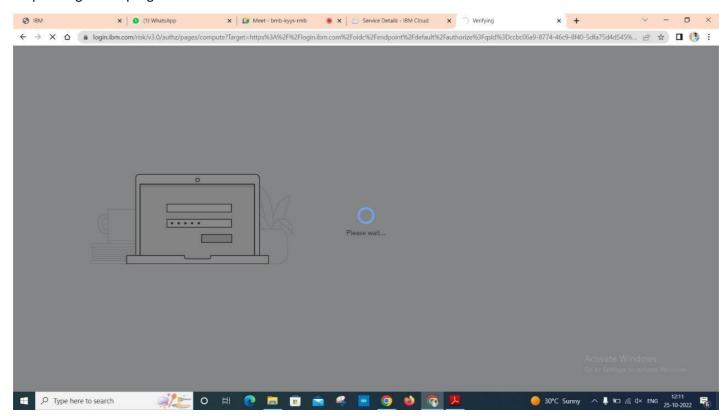




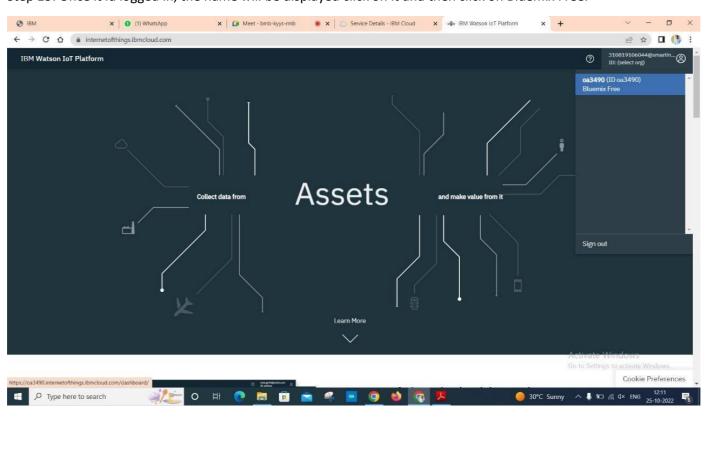


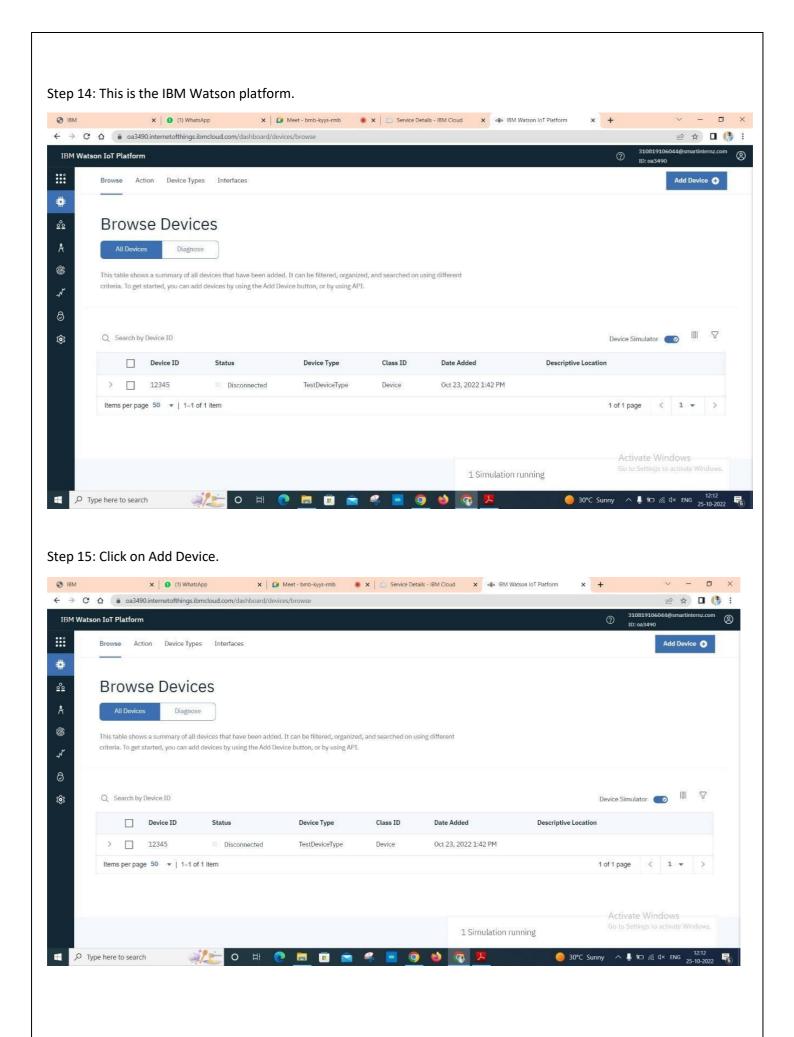


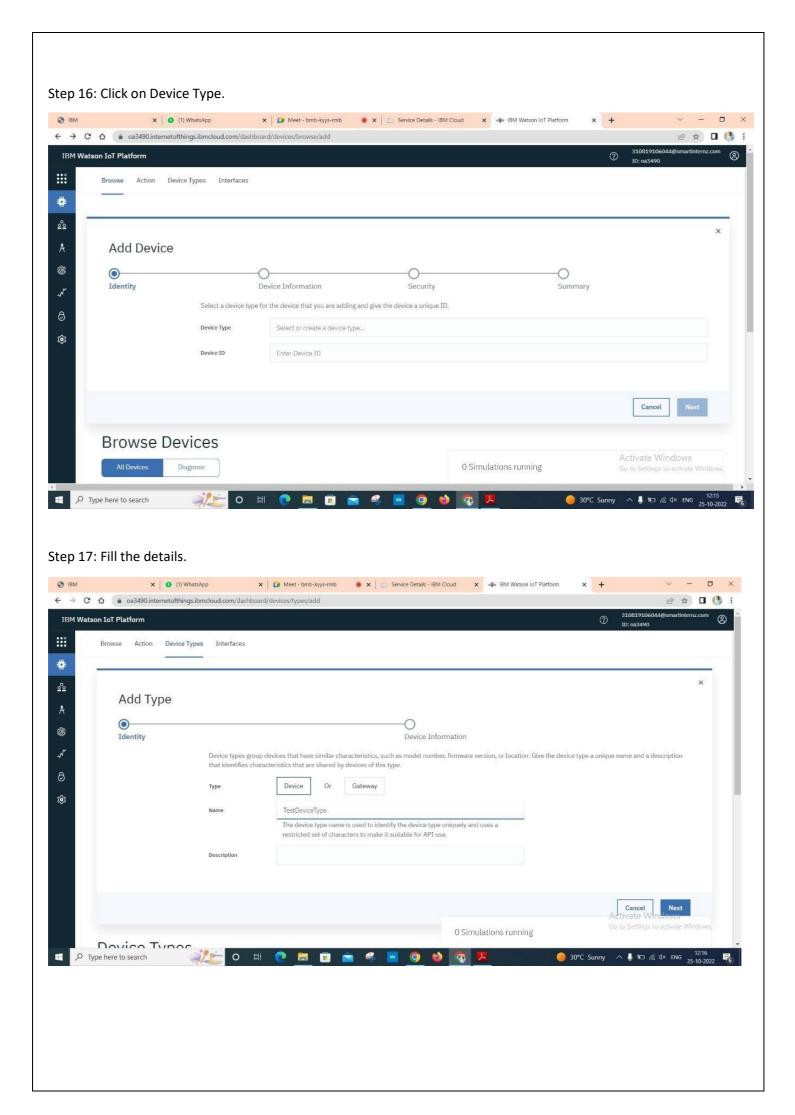
Step 12: Sign in on progress.



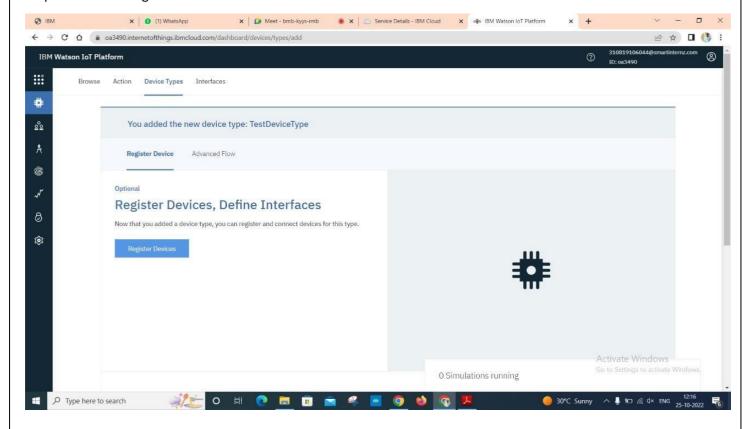
Step 13: Once it id logged in, the name will be displayed click on it and then click on Bluemix Free.



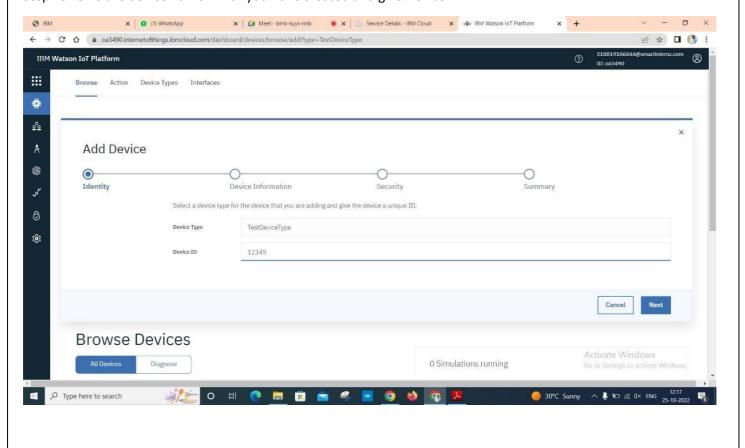


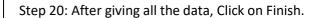


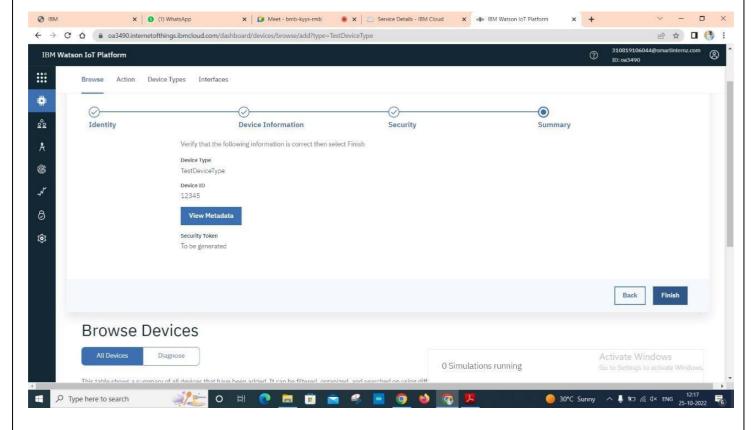




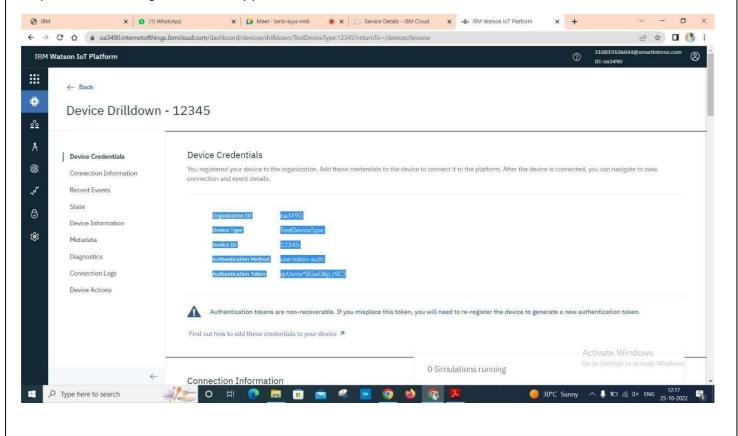
## Step 19: Give the device name which you have created and give Device ID.



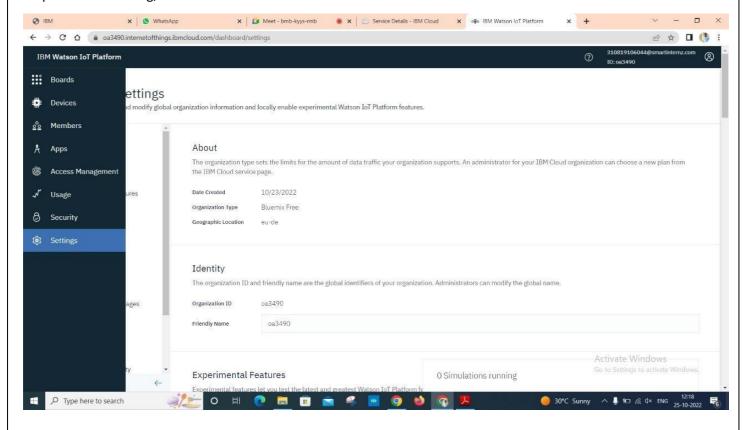




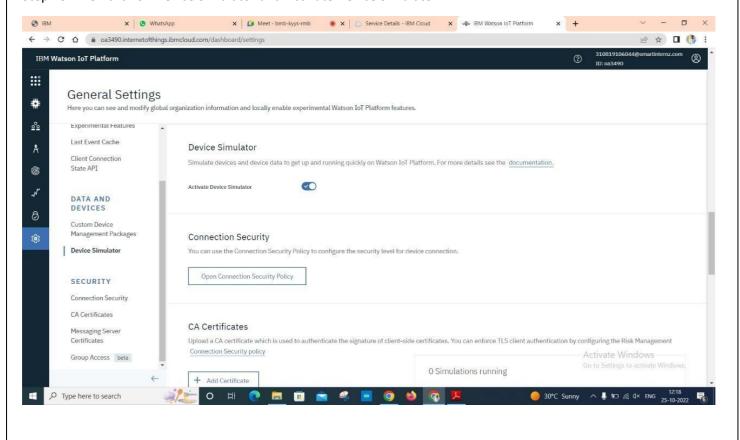
### Step 21: After creating the device, Copy the Device Credentials.



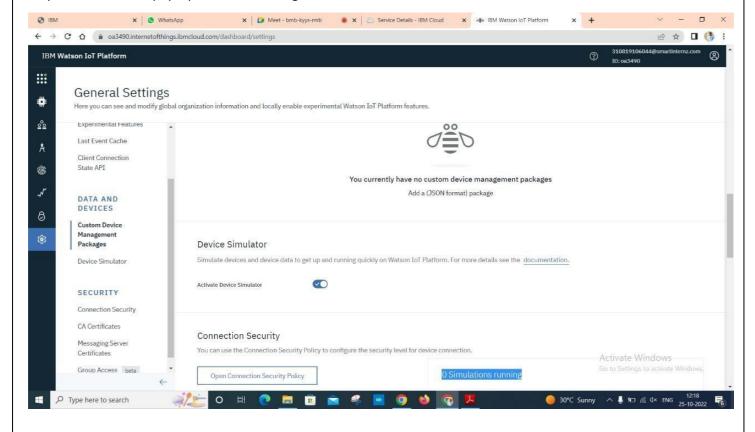
Step 22: Go to Setting, click on Data and Devices.



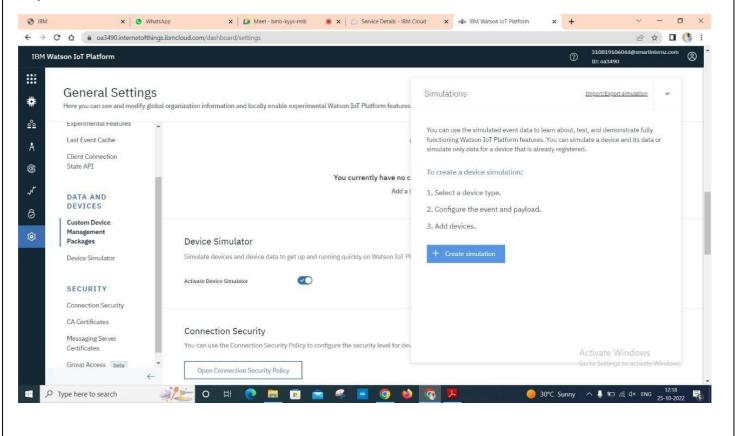
## Step 23: Then click on Device Simulator and Activate Device Simulator.



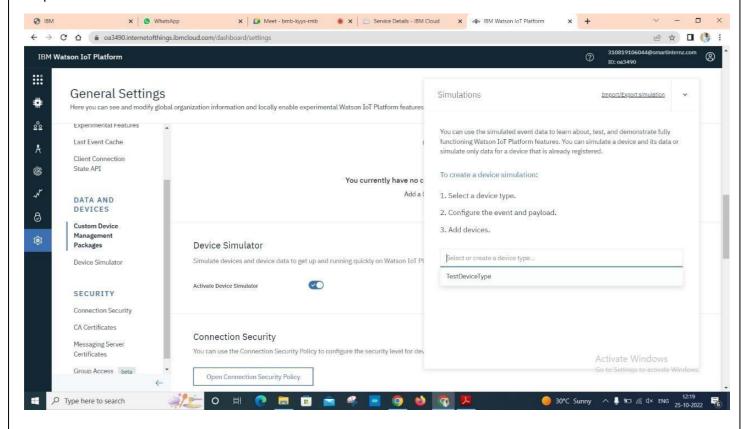
Step 24: Click on the pop-up screen on the right side.



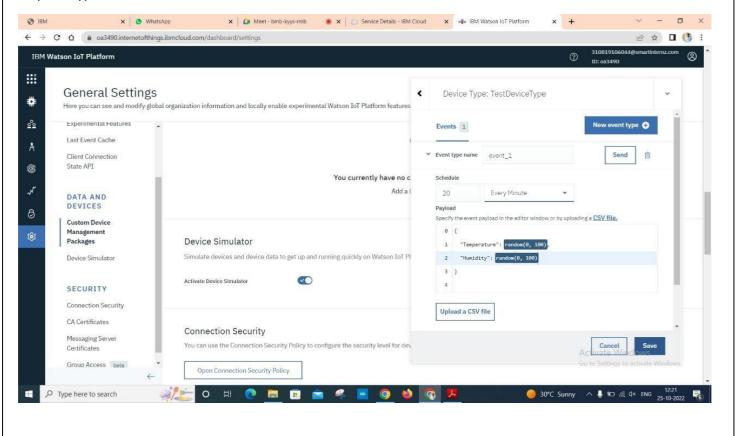
### Step 25: Click on Create Simulation.



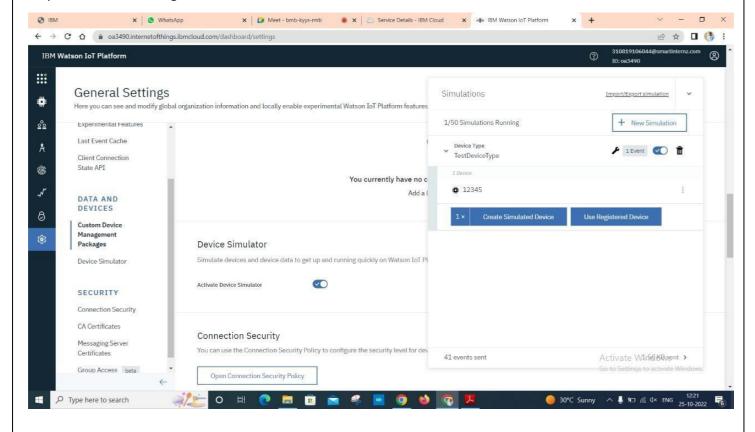
# Step 26: Choose the Device.



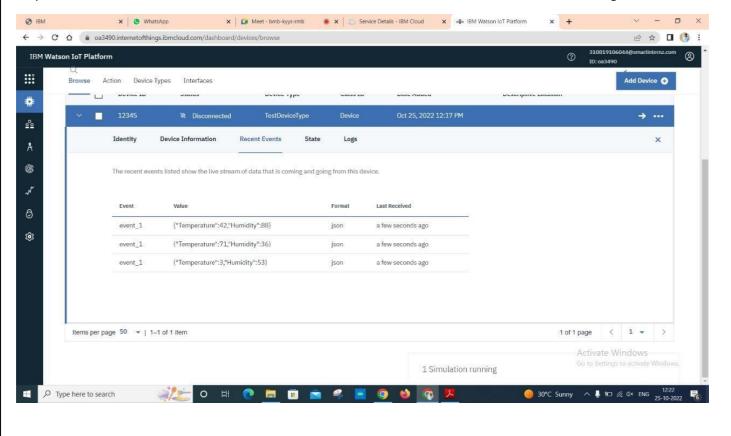
### Step 27: Type the code.



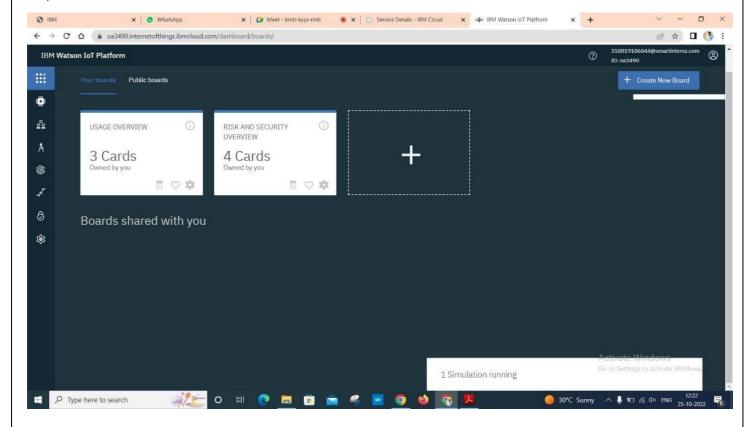
Step 28: Click on Use Registered Device and choose the device and run it.



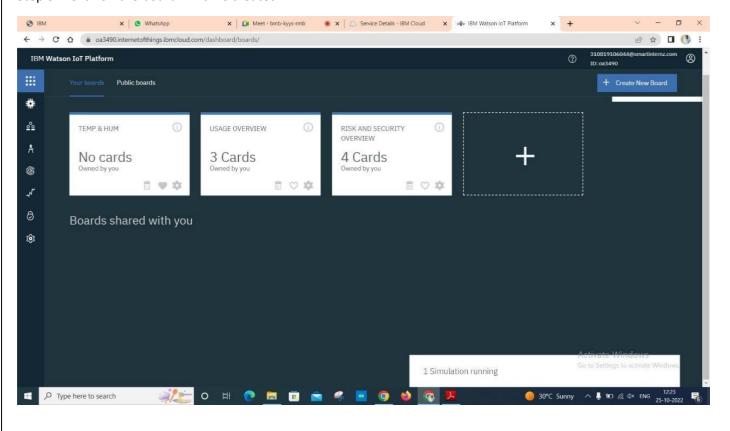
Step 29: Go to devices then click on devices and check the recent events whether the code is running or not.



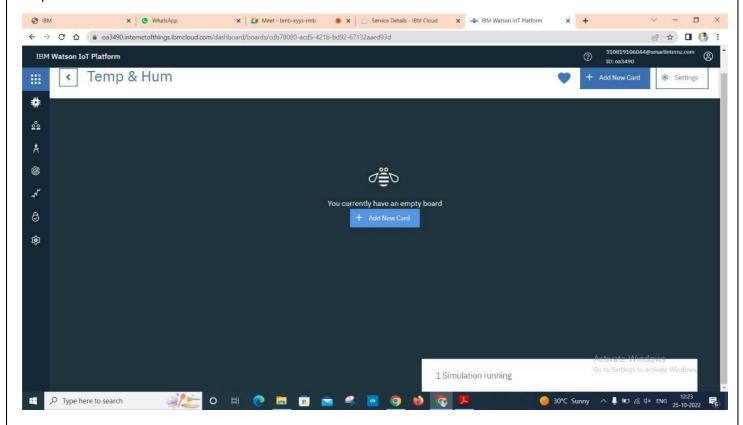
Step 30: Go to Board and click on + Create New Board, fill the details and create a board.



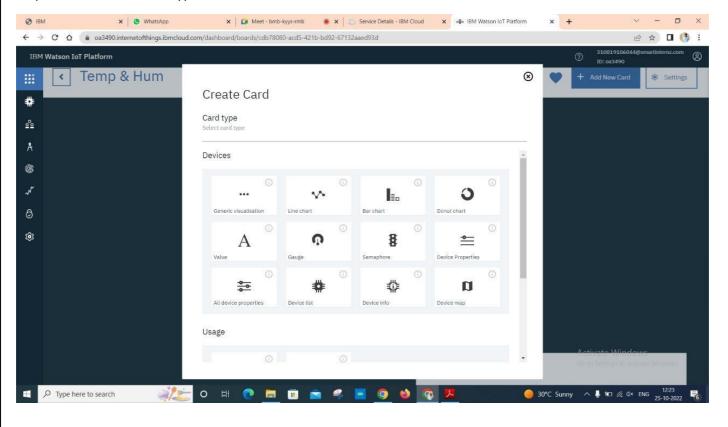
Step 31: Click on the board which is created.



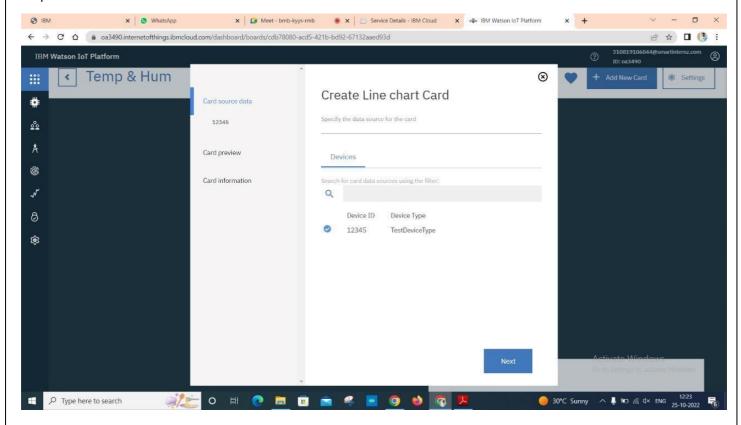




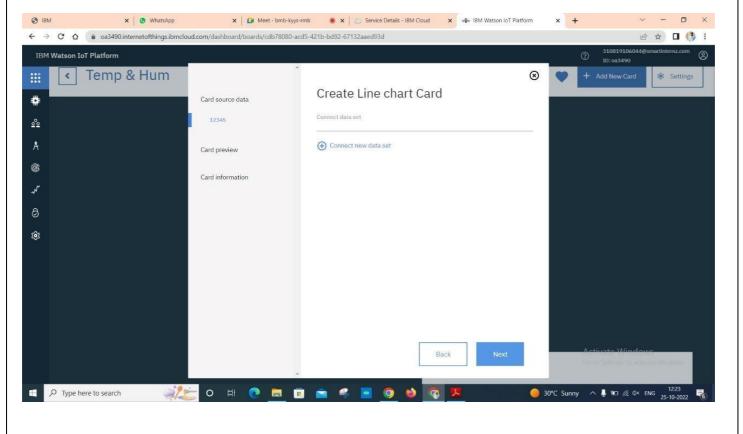
## Step 33: Choose the Card Type.



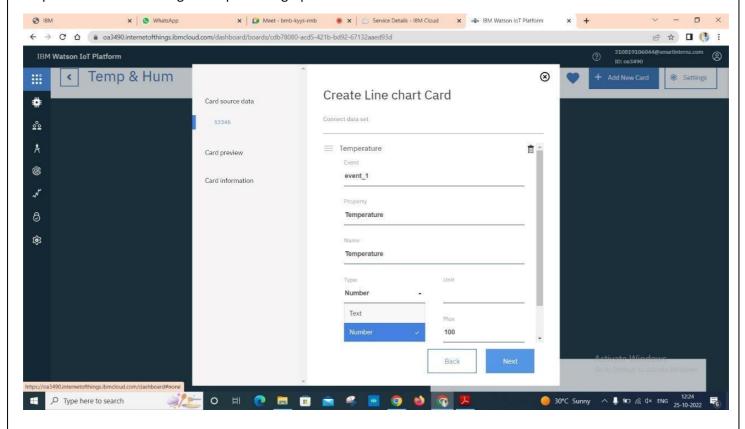
Step 34: Choose the device.



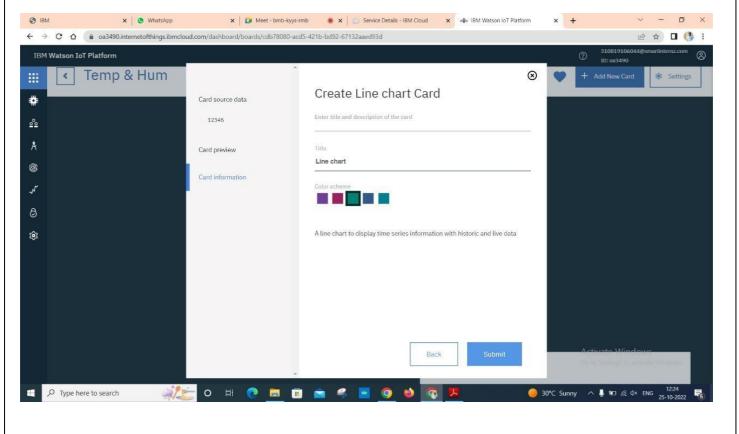
## Step 35: Click on Connect new data set.



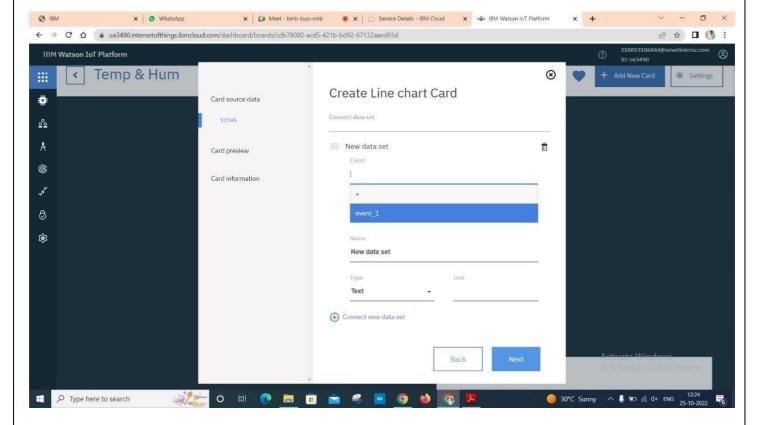
Step 36: Fill the details to get Temperature graph.



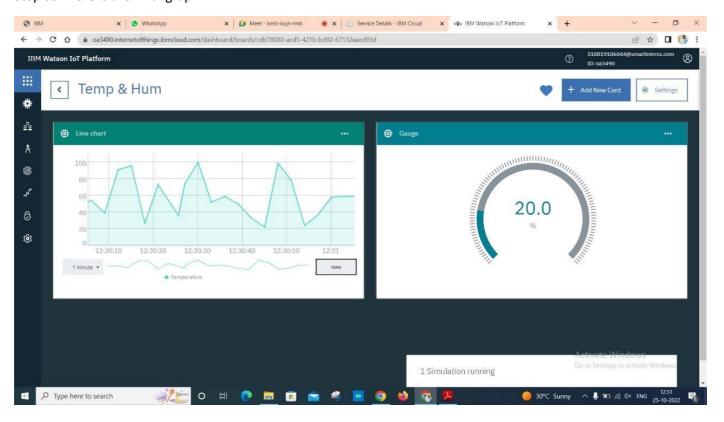
### Step 37: Choose the Colour.



Step 38: Repeat the same process again to get the Humidity graph.



## Step 39: Here is the Final graph.



Resu	ılt:
	An IBM Watson cloud for IoT and a device is created successfully.