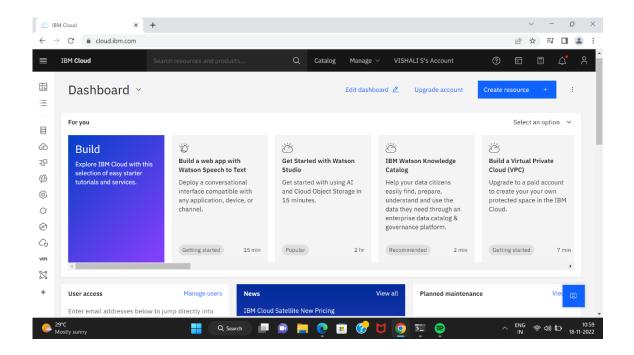
## CREATE IBM WATSON IOT PLATFORM AND DEVICE

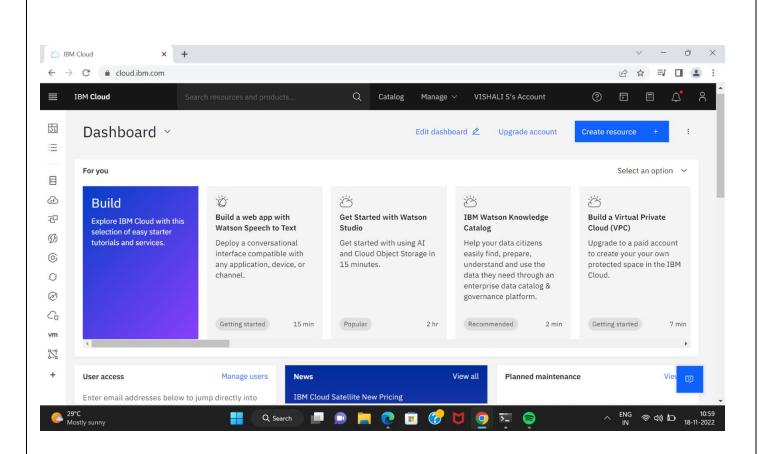
Date	25 October 2022
Team ID	PNT2022TMID18159
Project Name	Smart Solutions for Railways

## Steps to be followed

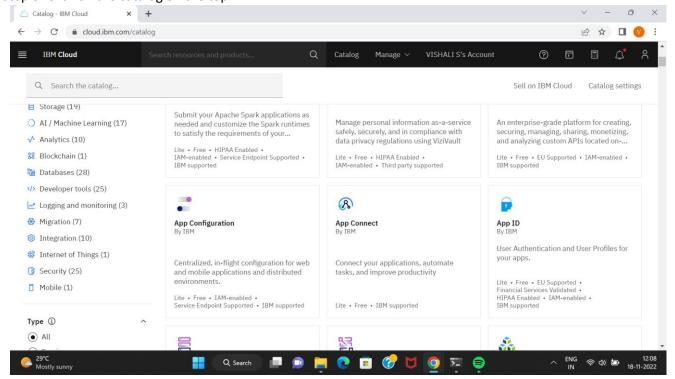
Step 1: Firstly, create an IBM cloud account with IBM id and password.



Step 2: Home page of IBM cloud.

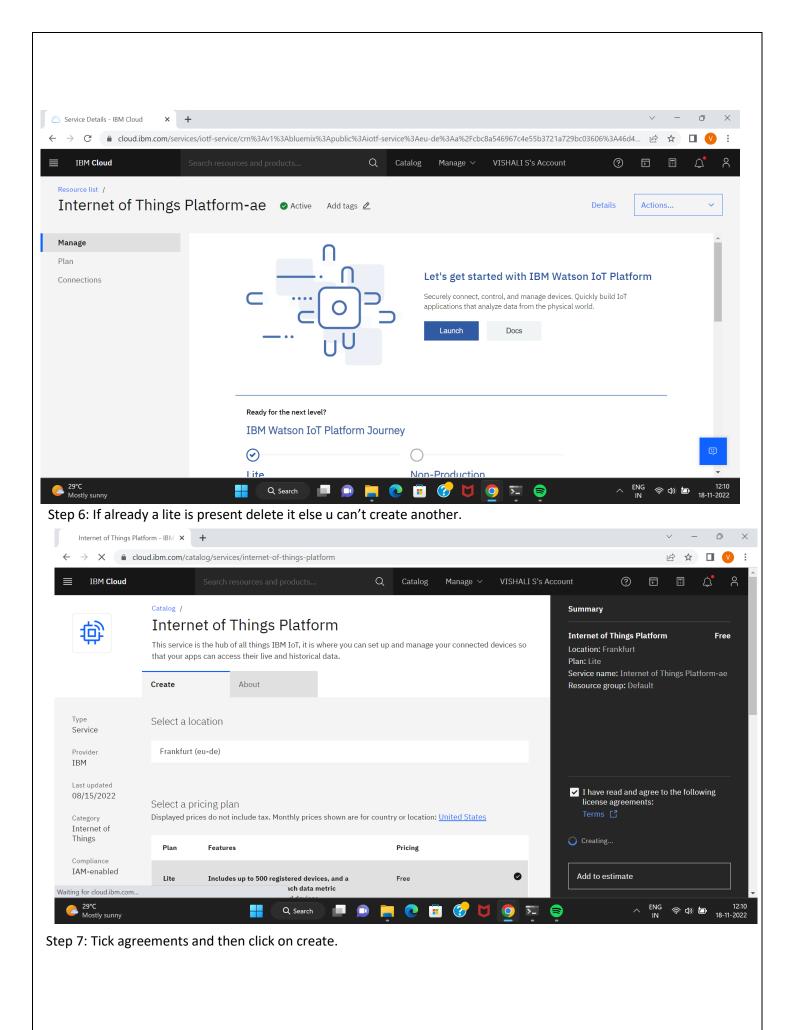


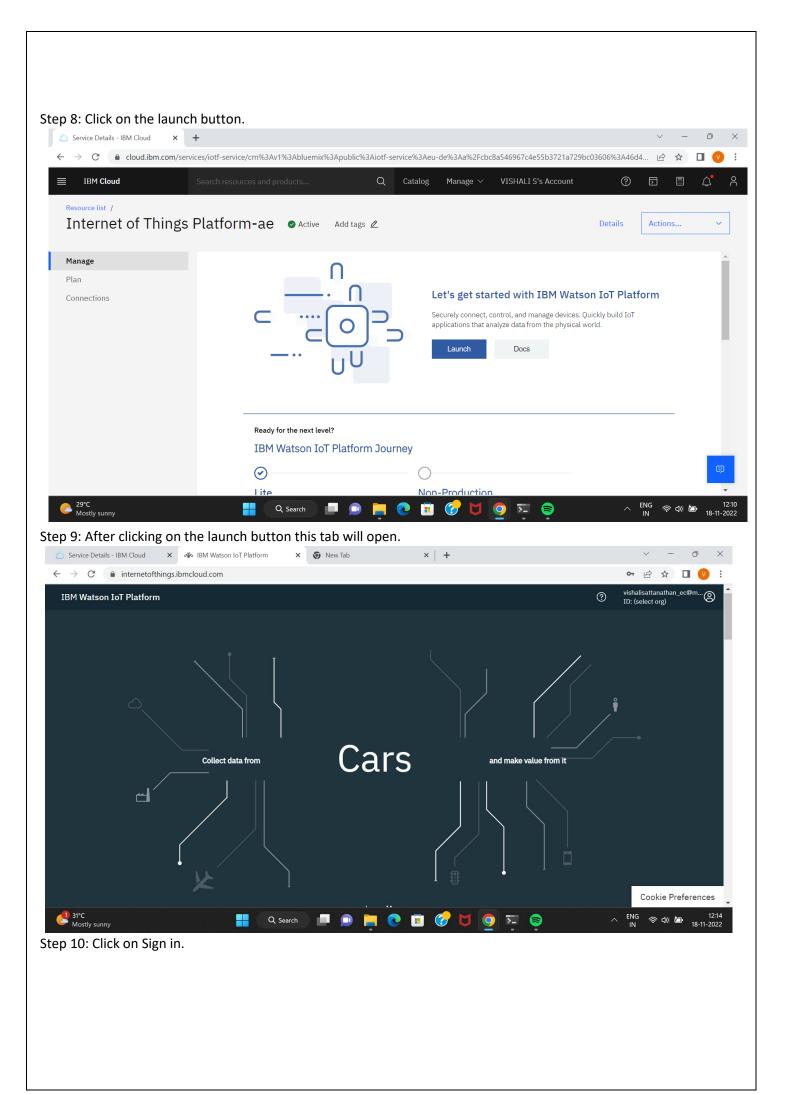
Step 3: Click on the catalog on the top.



Step 4: Click on IoT in the category mentioned.

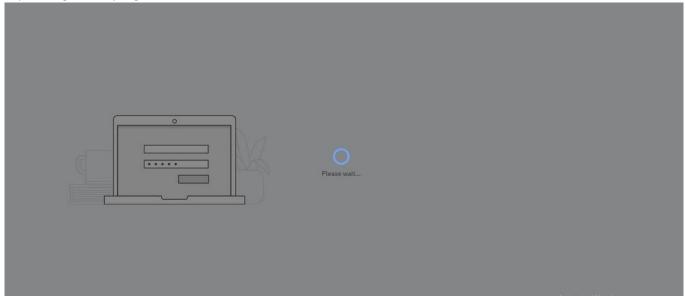
Step 5: Click on Internet of Things Platform.





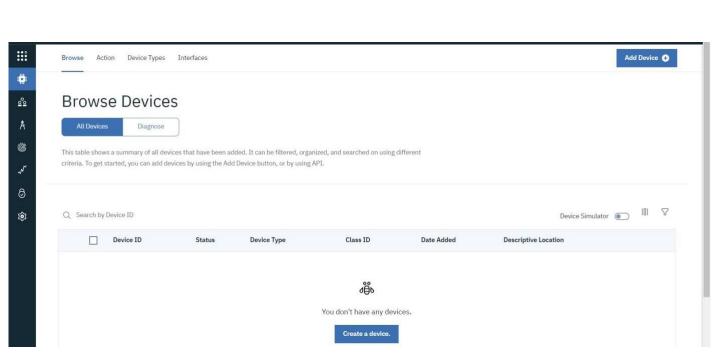
Step 11: Fill the login details.

Step 12: Sign in on progress.



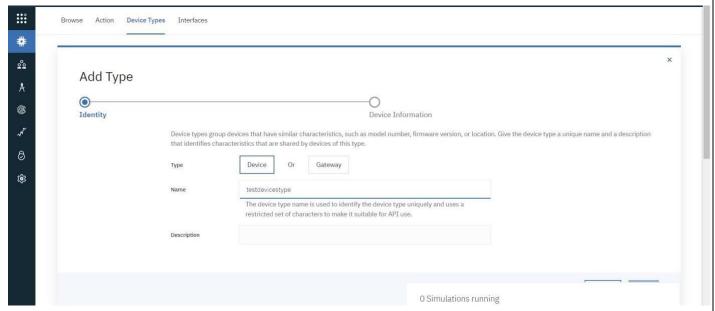
Step 13: Once it id logged in, the name will be displayed click on it and then click on Bluemix Free.

Step 14: This is the IBM Watson platform.

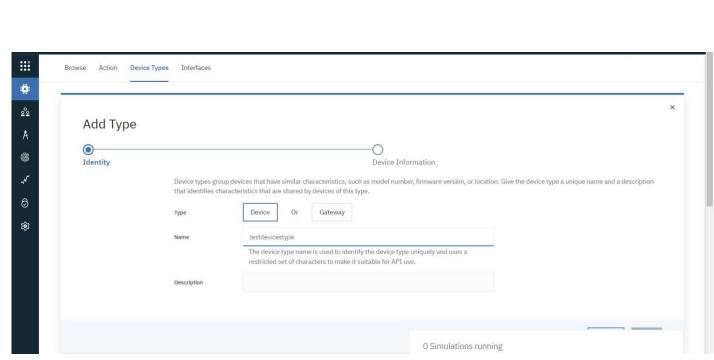


Step 15: Click on Add Device.

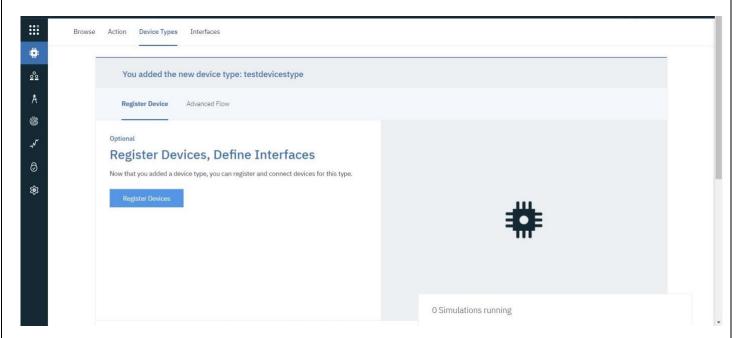
step 16: Click on Device Type.



Step 17: Fill the details.



Step 18: Click on Register Devices.

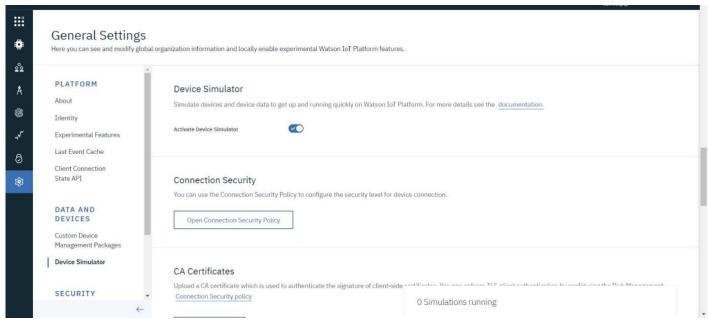


Step 19: Give the device name which you have created and give Device ID.

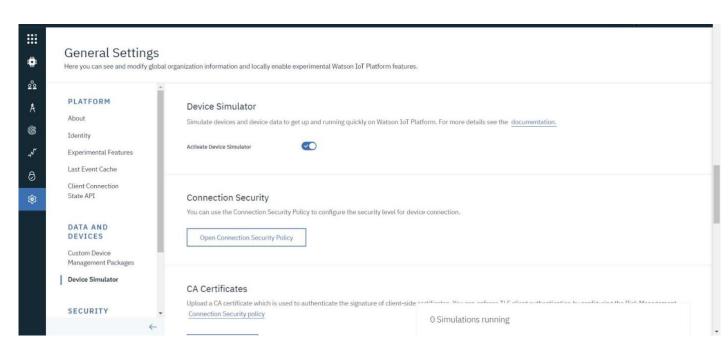


Step 20: After giving all the data, Click on Finish.

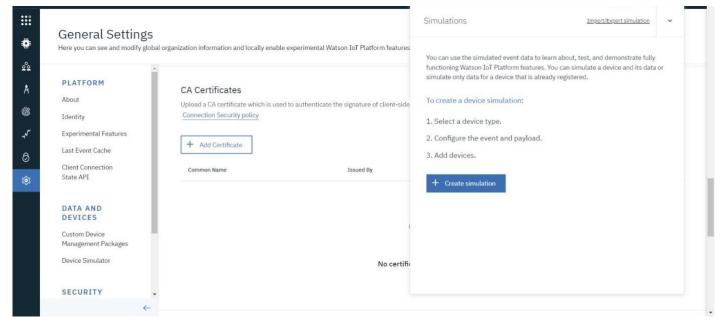
- Step 21: After creating the device, Copy the Device Credentials.
- Step 22: Go to Setting, click on Data and Devices.
- Step 23: Then click on Device Simulator and Activate Device Simulator.



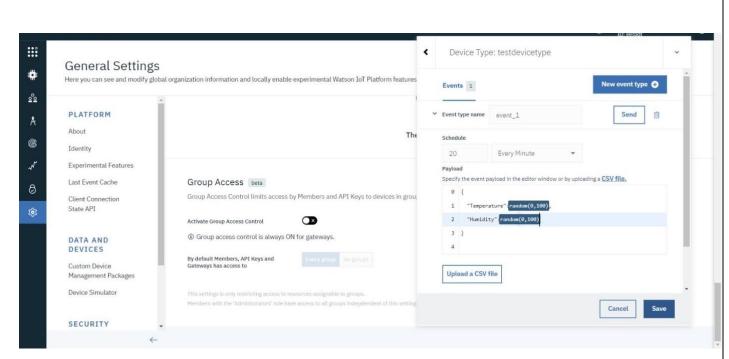
Step 24: Click on the pop-up screen on the right side.



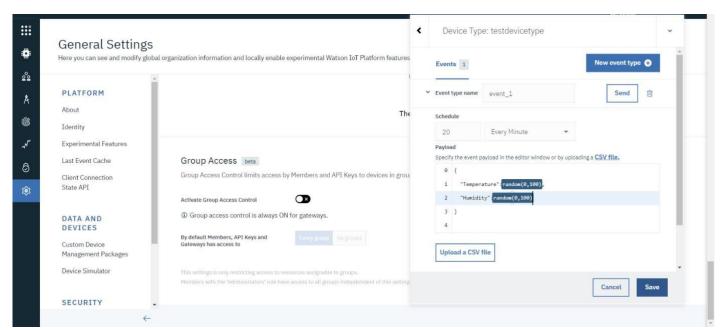
Step 25: Click on Create Simulation.



Step 26: Choose the Device.

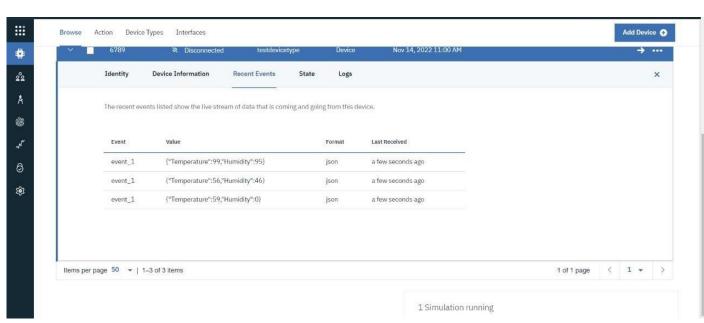


Step 27: Type the code.

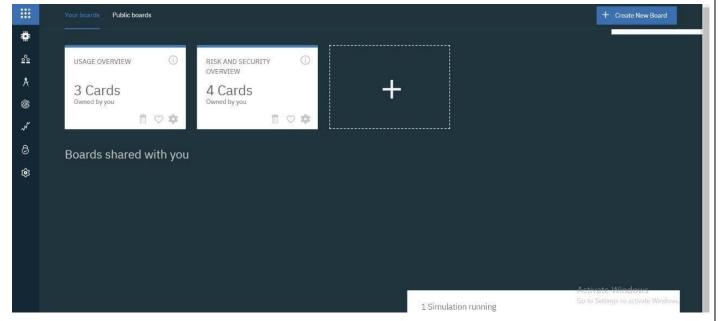


Step 28: Click on Use Registered Device and choose the device and run it.

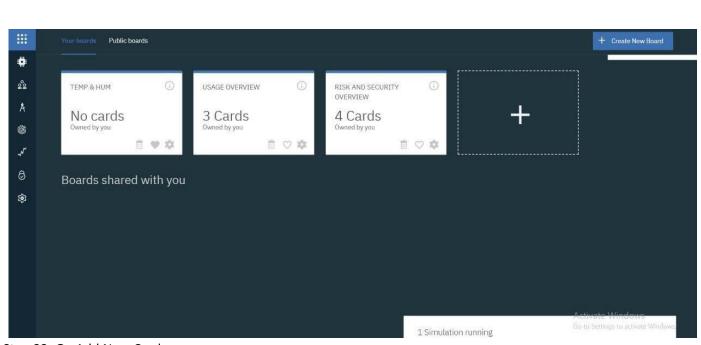
Step 29: Go to devices then click on devices and check the recent events whether the code is running or not.



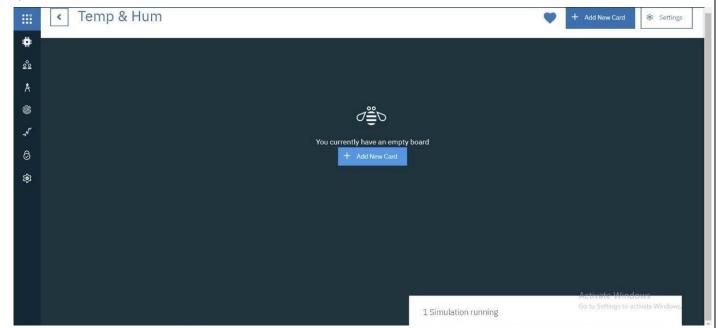
Step 30: Go to Board and click on + Create New Board, fill the details and create a board.



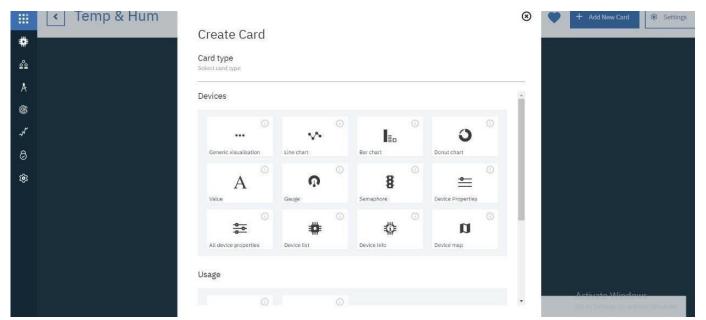
Step 31: Click on the board which is created.



Step 32: Go Add New Card.



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.

