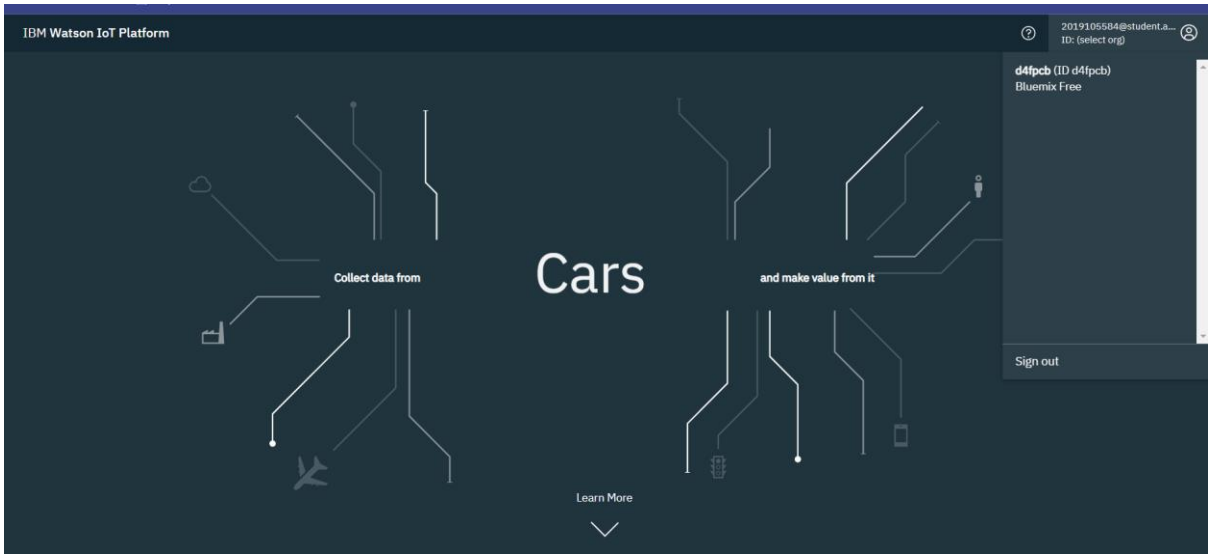
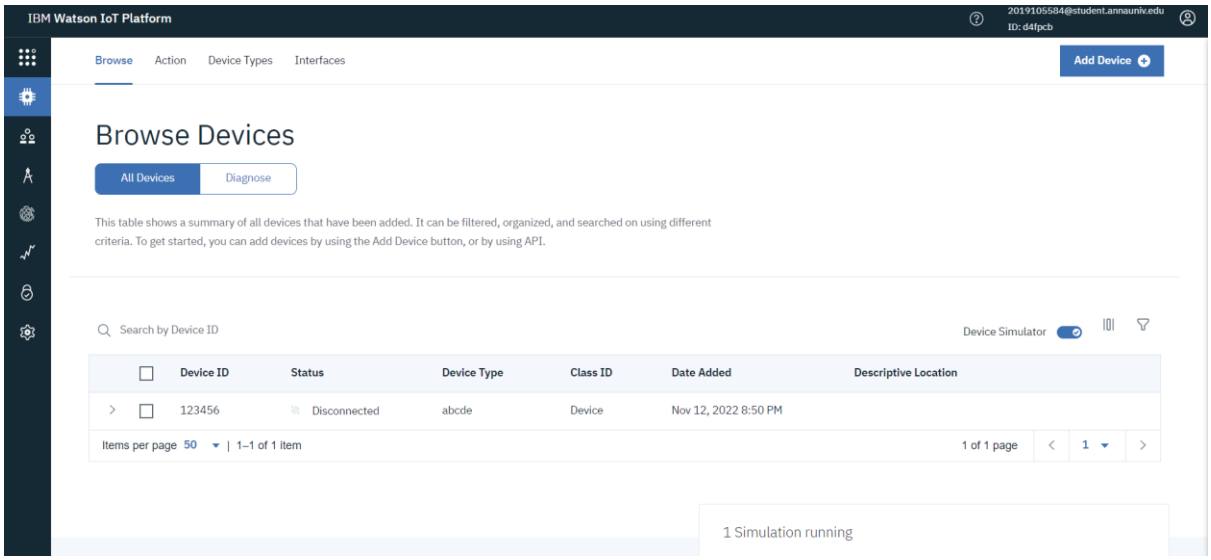
DEVELOP A PYTHON SCRIPT TO PUBLISH AND SUBSCRIBE IBM IOT PLATFORM

DATE	18 November 2022
TEAM ID	PNT2022TMID35489
TITLE	Gas Leakage Monitoring and Alerting System for Industries.

PUBLISH DATA TO THE IBM CLOUD

IBM WATSON IOT:





INSTALLING RASPBERRY PI

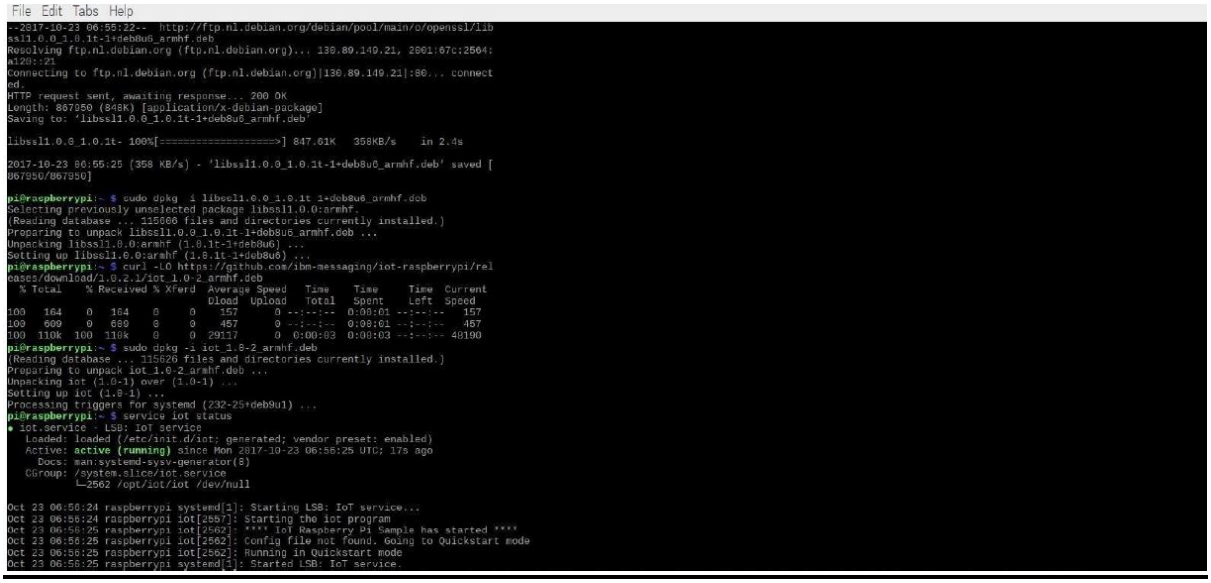
➢ Now we are going to install necessary packages on your pi.

➢ Open your terminal in your pi and type the following commands

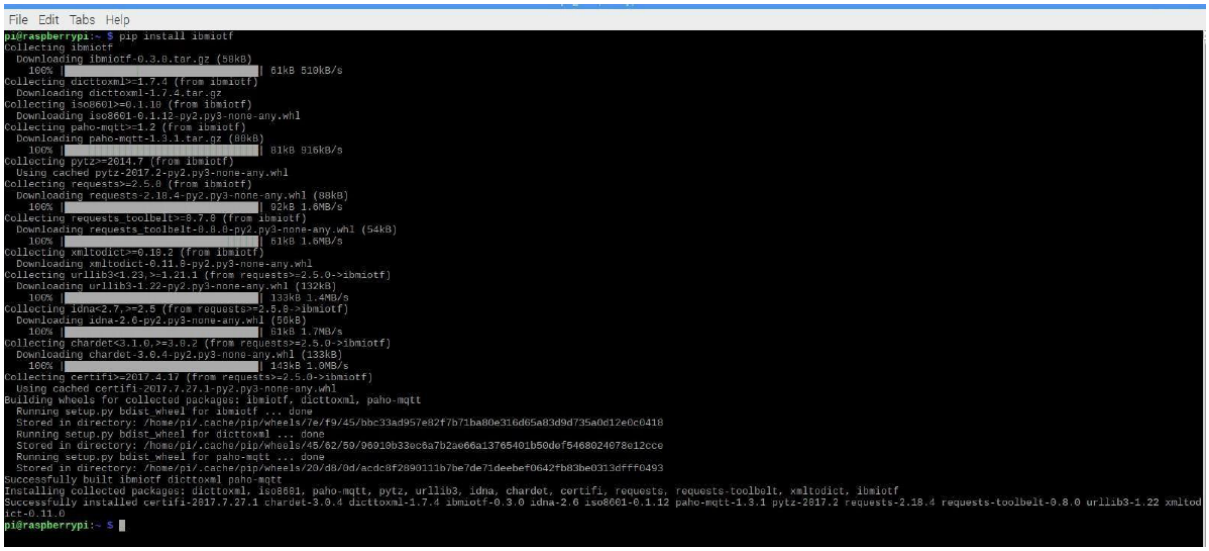
➢ curl -LO https://github.com/ibm-messaging/iot-raspberrypi/releases/download/1.0.2.1/io t_1.0- 2_armhf.deb

➢ sudo dpkg -i iot_1.0-2_armhf.deb

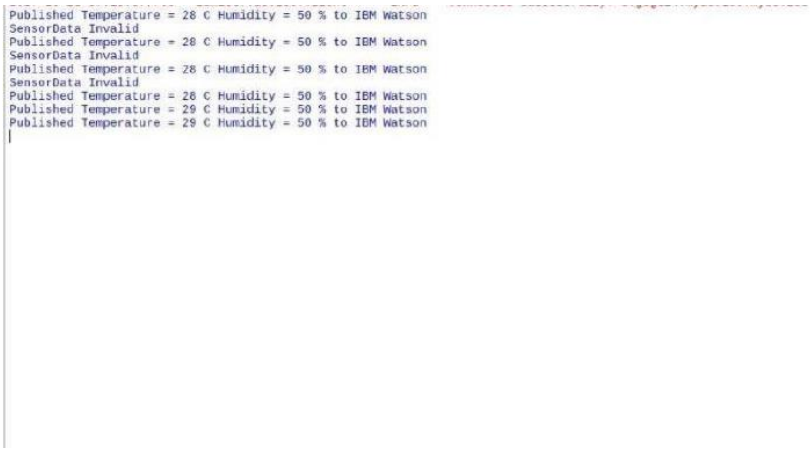
➢ service iot status Following are the images as to what appears on your pi's terminal when u type these commands



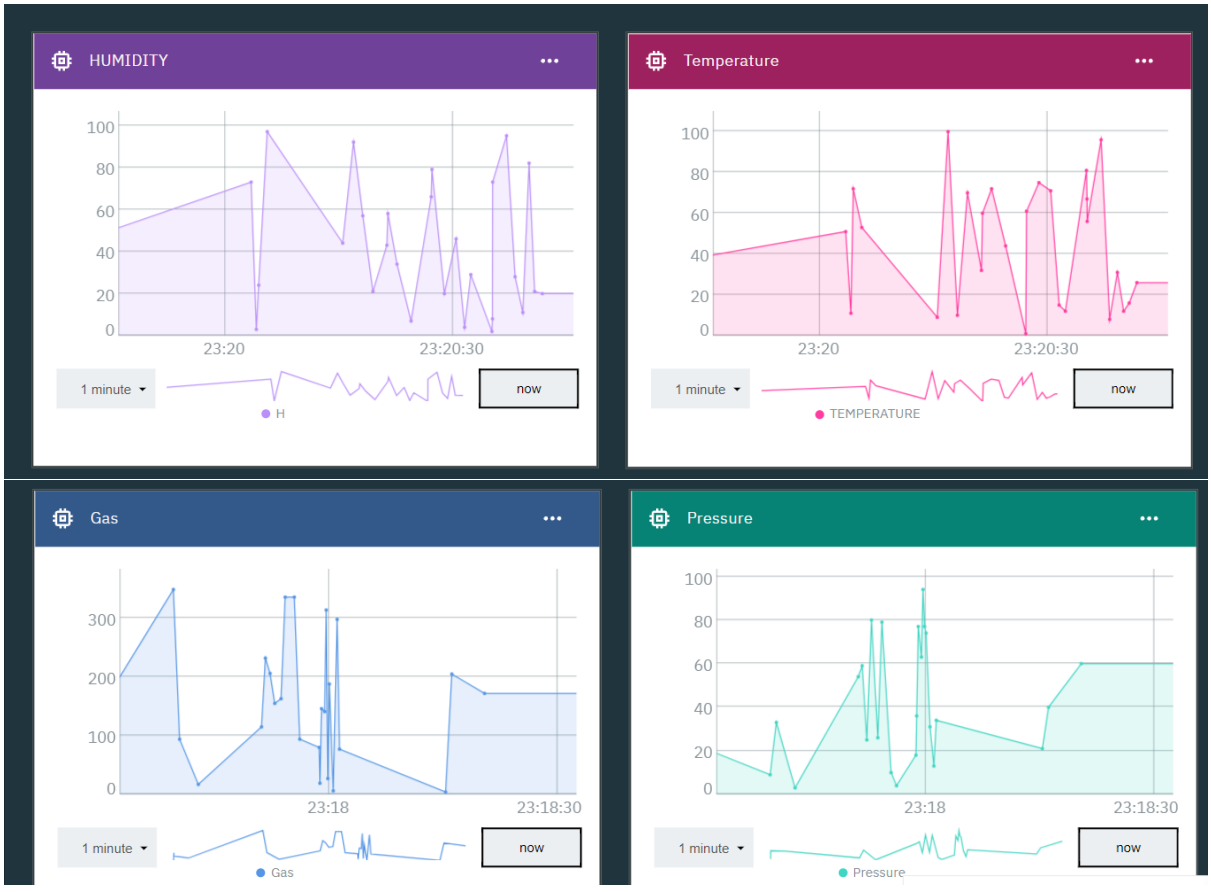
➢ Then open your terminal and type pip install ibm iotf



- Send DHT-11 Sensors data to IBM Bluemix .To get the code u need to login into IOT GYAN.
- Then the image as follows in pi's shell



BOARDS:



Thus, data is published in IBM cloud.