

IBM WATSON IOT PLATFORM AND DEVICE

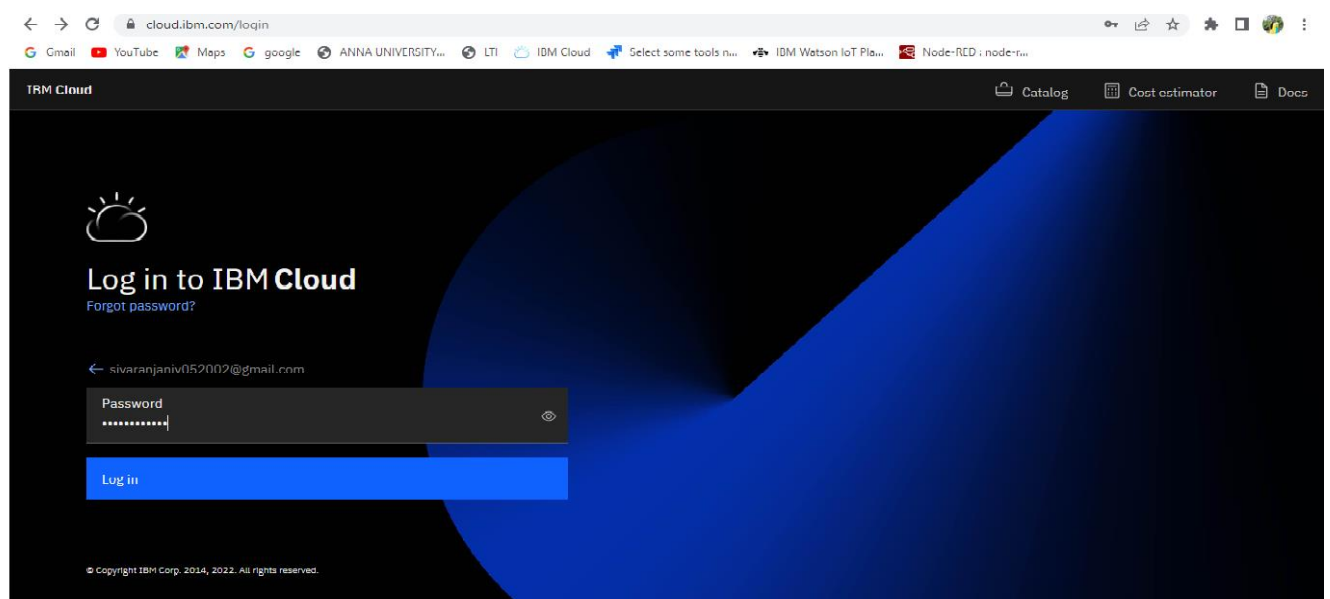
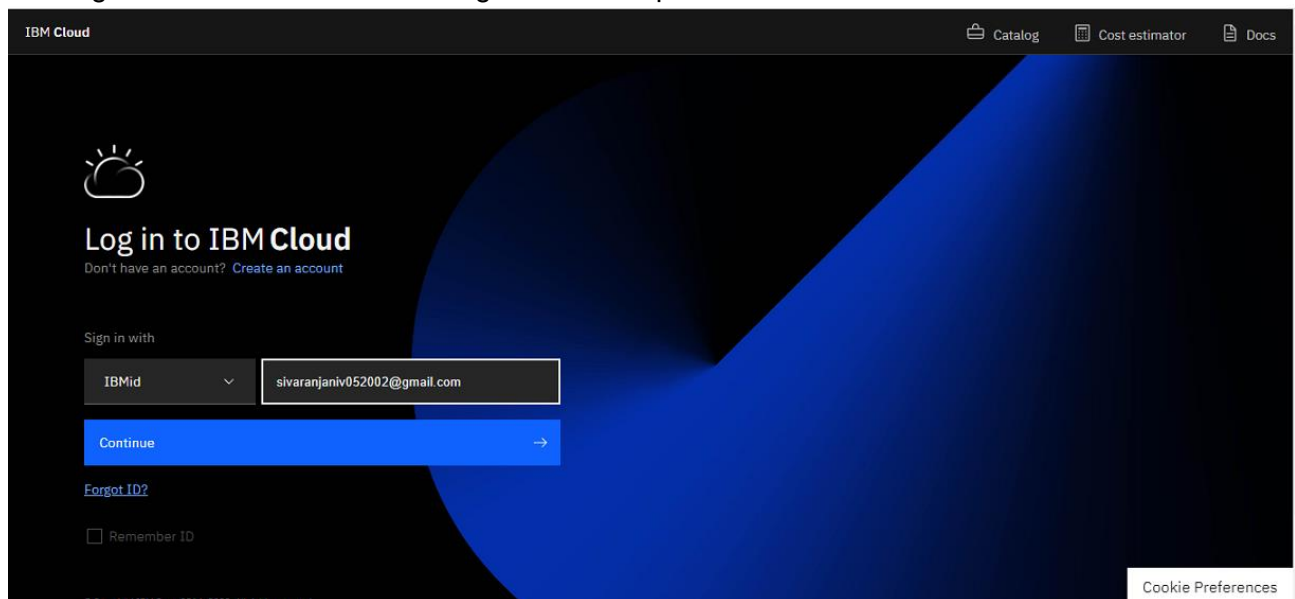
Assignment Date	08 NOVEMBER 2022
Student Name	SIVARANJANI V
Student Roll Number	710019106043
Team ID	PNT2022TMID42279

AIM:

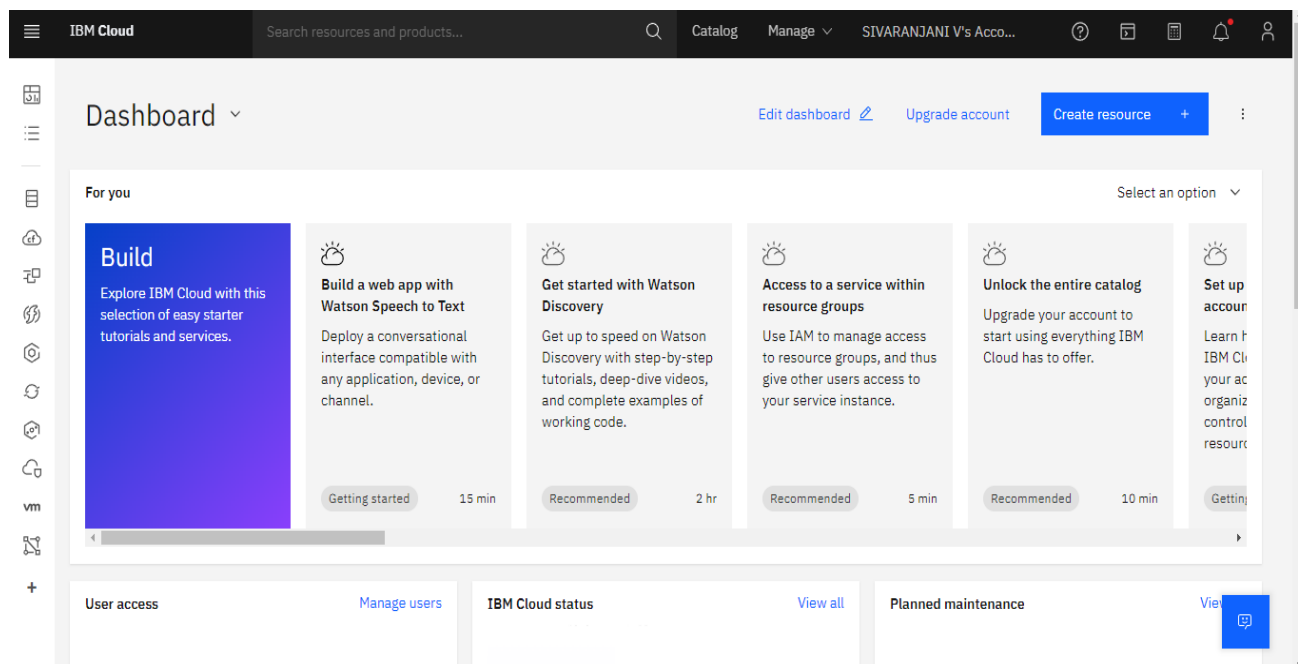
To create the IBM Watson IoT platform and device.

STEPS:

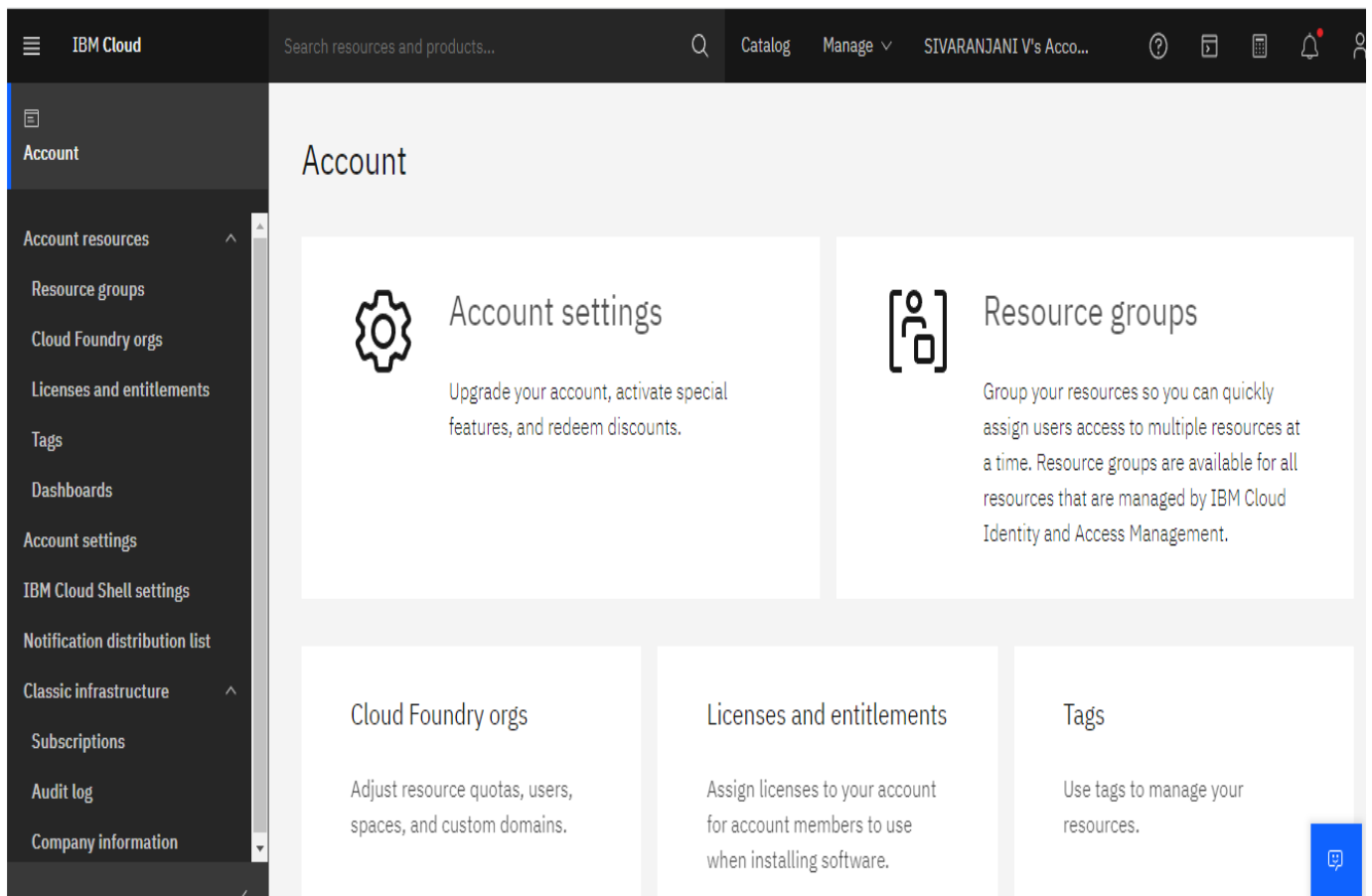
1. Login to IBM cloud account using mail ID and password



2. Homepage of the IBM cloud is shown below.



3. Account Settings will be found under the account option Under the Manage column.



4. We can access the detail of our accounts in the account settings.

The screenshot shows the IBM Cloud Account settings page. The left sidebar contains a navigation menu with options: Account, Account resources, Resource groups, Cloud Foundry orgs, Licenses and entitlements, Tags, Dashboards, Account settings (highlighted), IBM Cloud Shell settings, Notification distribution list, Classic infrastructure, Subscriptions, Audit log, and Company information. The main content area is titled 'Account settings' and displays the following information:

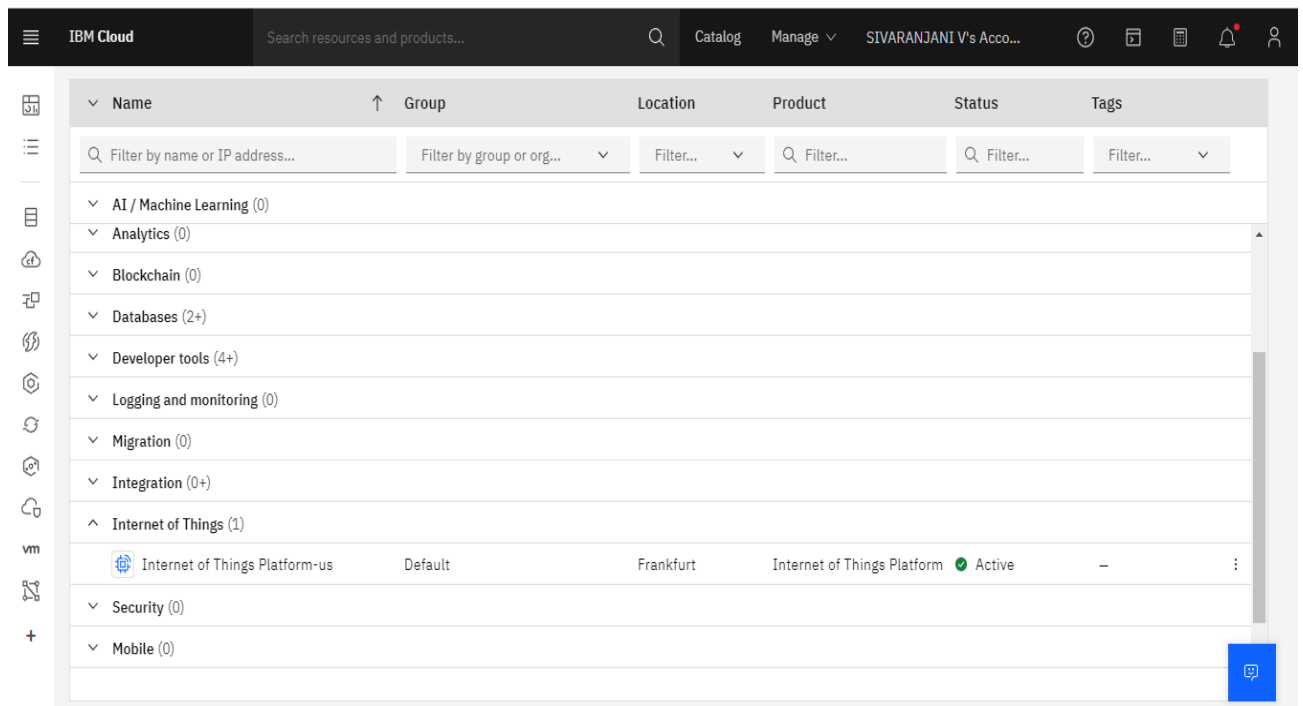
- Account:** SIVARANJANI V's Account, ID: 413ffb3cd2534bd3b8a3fe3b9d4aad86
- Account type:** Trial (Free), 385 days remaining in Trial
- Account upgrade:** Pay-As-You-Go, Subscription, and Need help? (Contact sales)
- Buttons:** Add credit card, Upgrade

5. The options shown here will be below the Resource List.

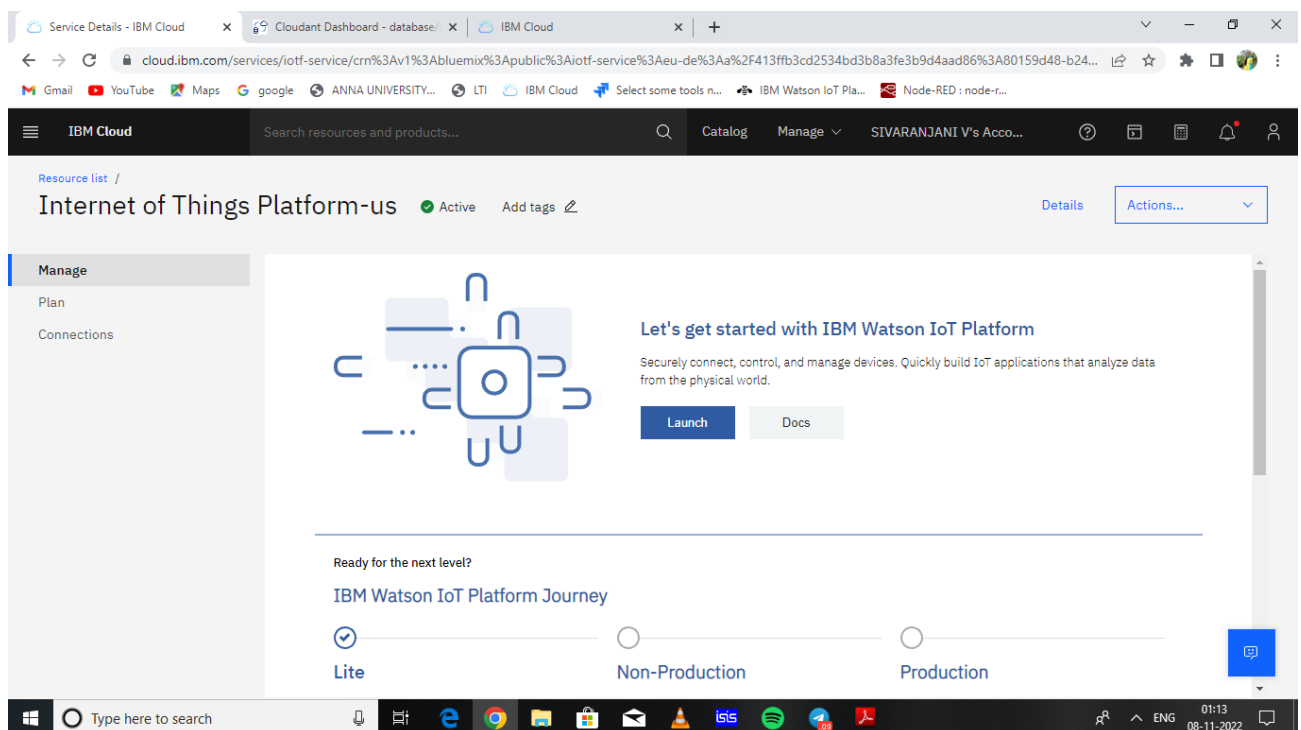
The screenshot shows the IBM Cloud Resource list page. The left sidebar contains a navigation menu with options: Account, Account resources, Resource groups, Cloud Foundry orgs, Licenses and entitlements, Tags, Dashboards, Account settings, IBM Cloud Shell settings, Notification distribution list, Classic infrastructure, Subscriptions, Audit log, and Company information. The main content area is titled 'Resource list' and displays a table of resources. The table has columns: Name, Group, Location, Product, Status, and Tags. The table is filtered by 'Filter by name or IP address...' and 'Filter by group or org...'. The table shows a list of resources with expandable rows for each category:

Name	Group	Location	Product	Status	Tags
Compute (1+)					
Containers (0)					
Networking (0)					
Storage (0)					
AI / Machine Learning (0)					
Analytics (0)					
Blockchain (0)					
Databases (2+)					
Developer tools (4+)					
Logging and monitoring (0)					
Migration (0)					

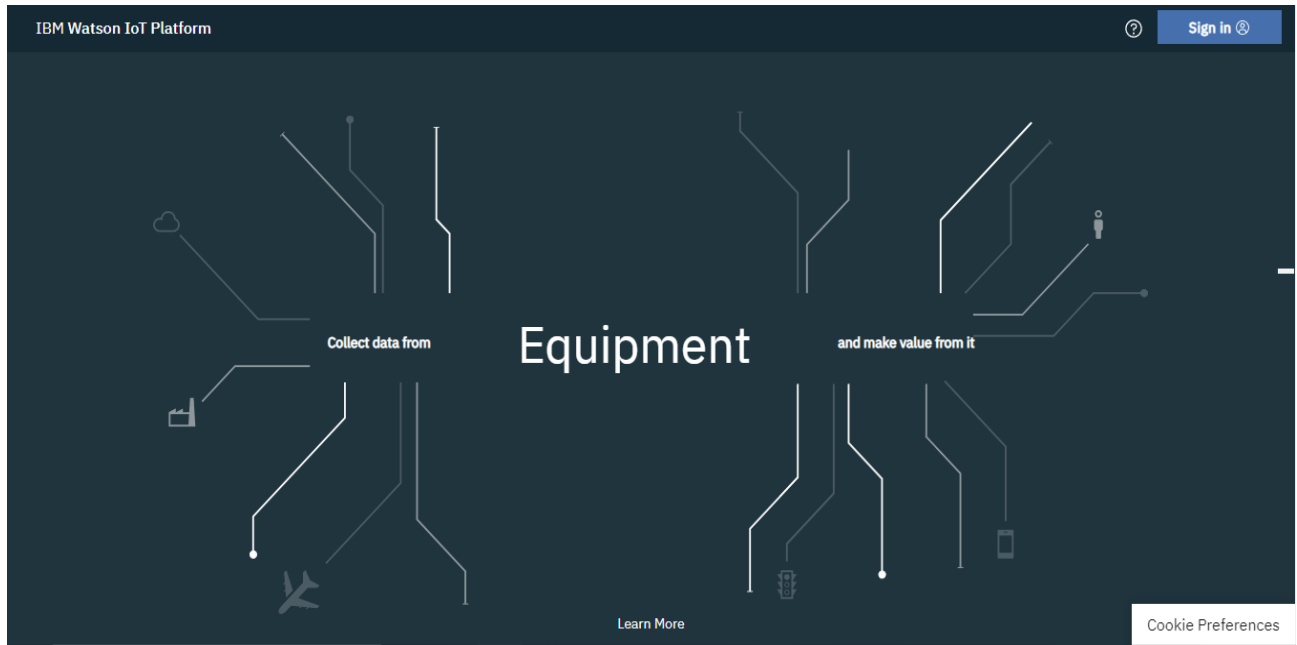
6. In the resource list Internet of things platform -us will be available under the IoT.



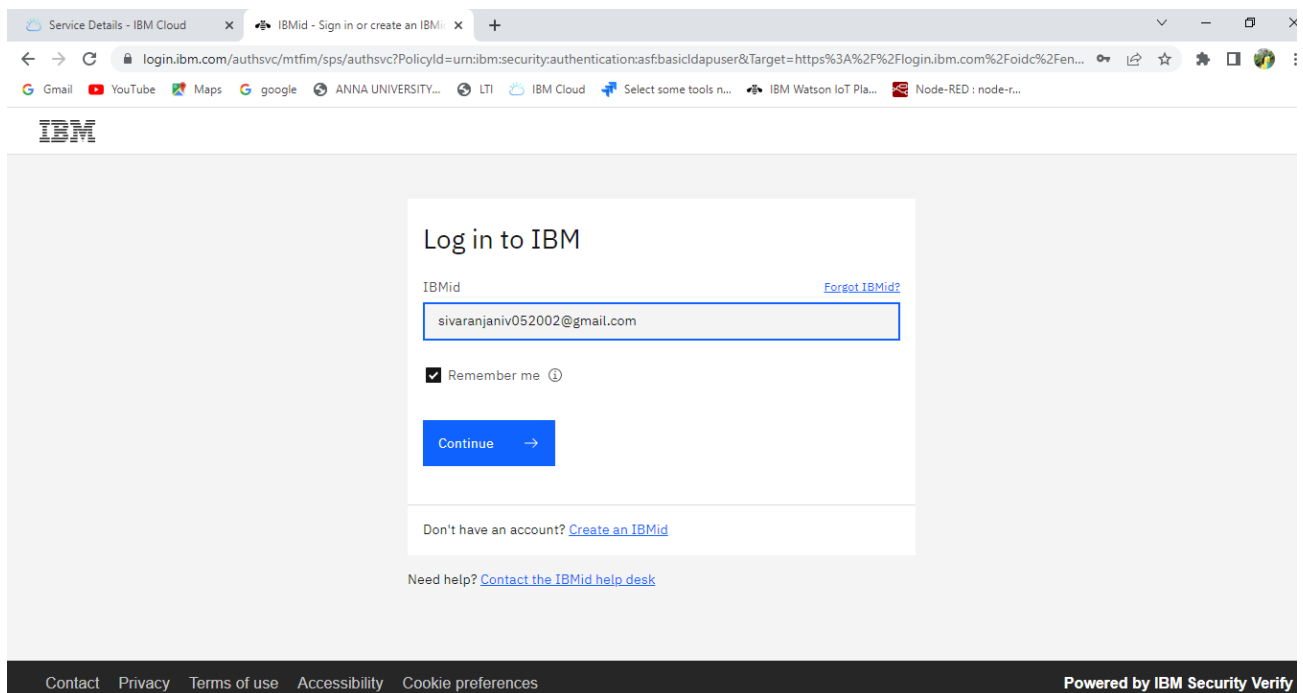
7. IBM Watson Launch option will be displayed.

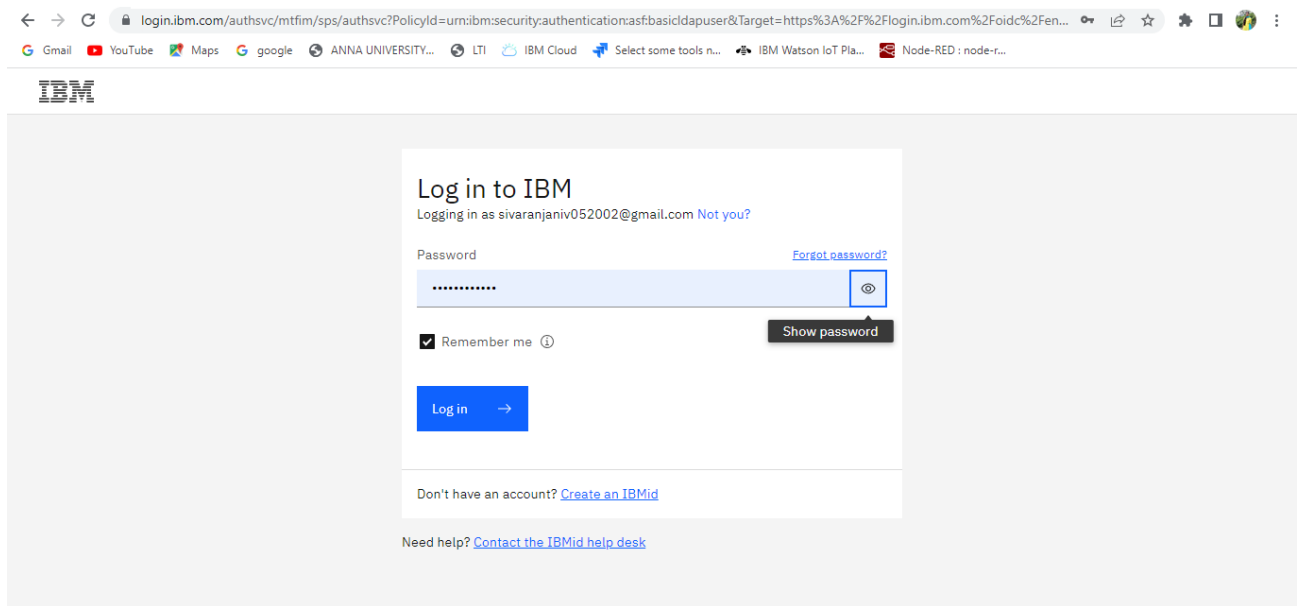


8. IBM Watson Platform sign in page will open in IoT platform-ay link.

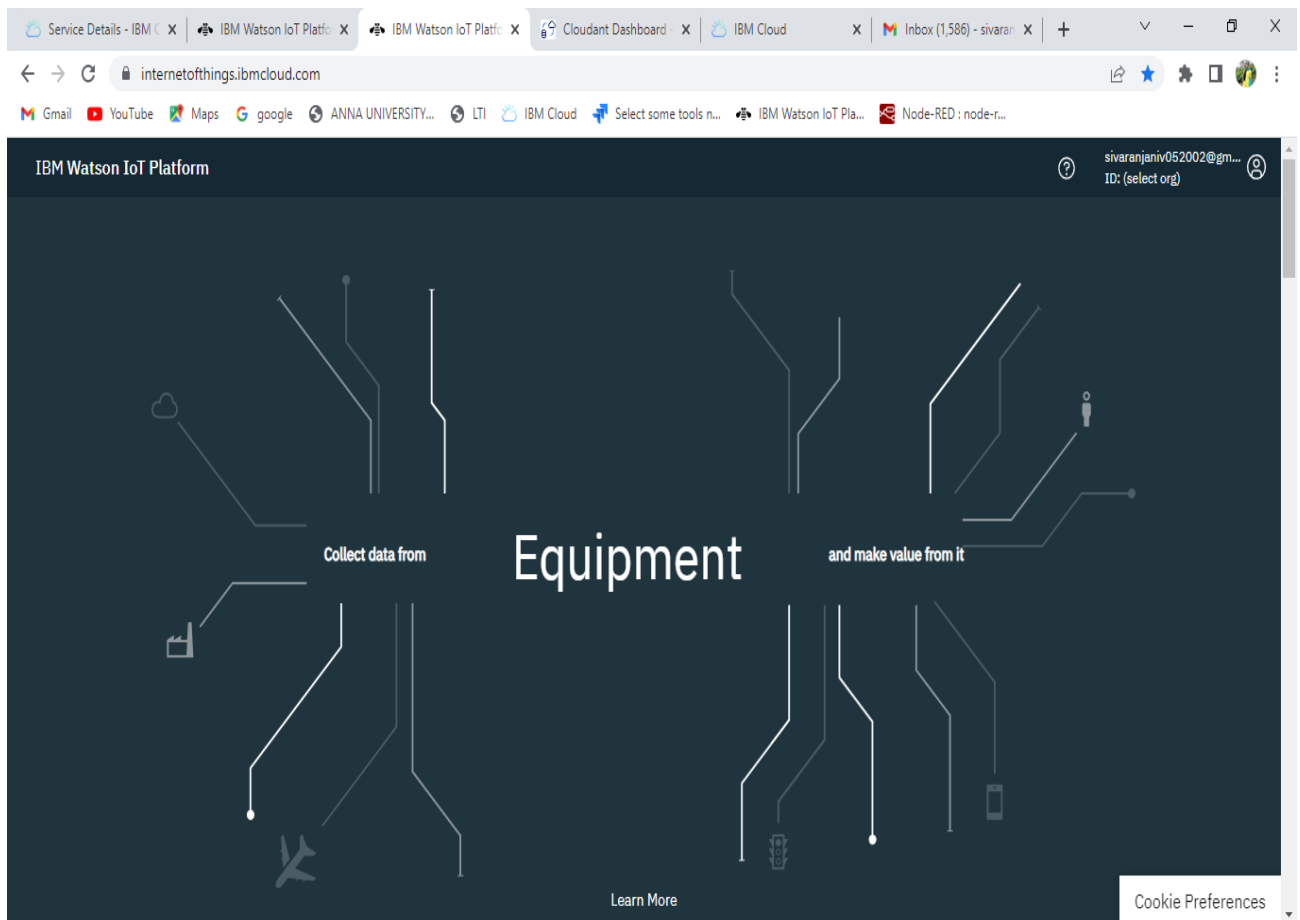


9. Sign in in IBM Watson using mail ID

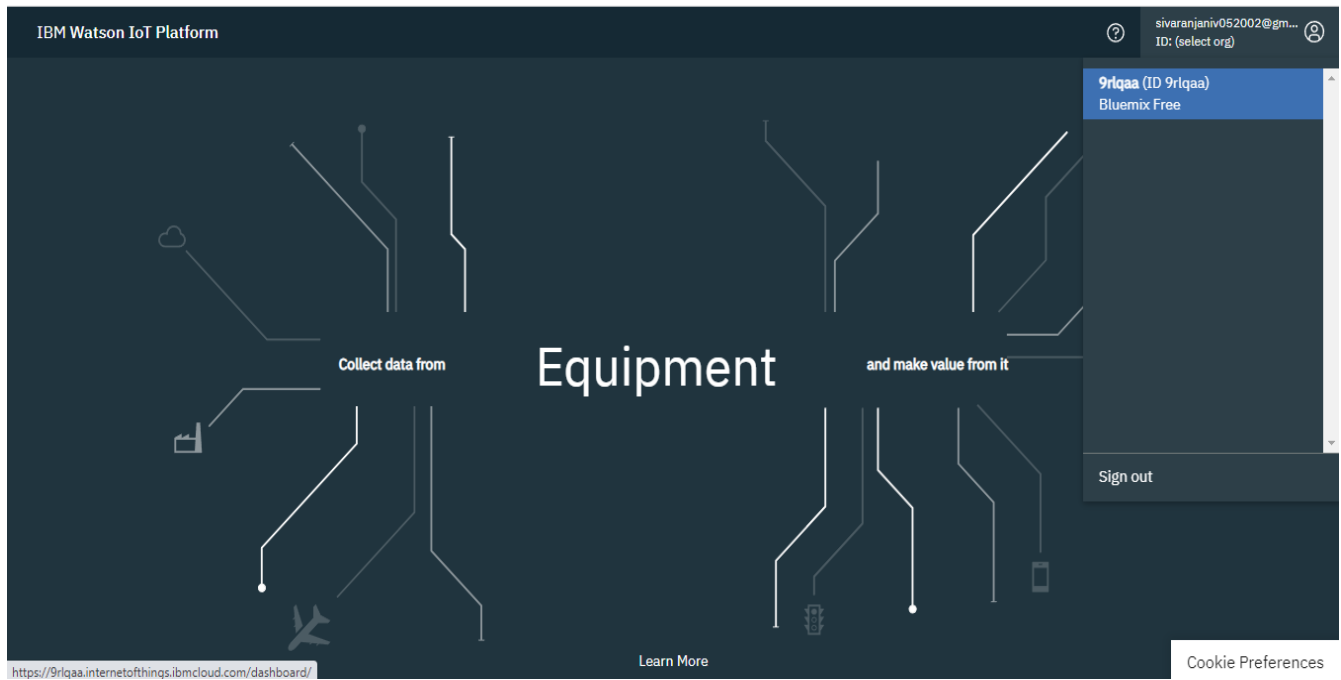




7.The Signed in IBM Watson page is shown below.



8.By clicking the ID, we can open the IBM Watson Platform Home page.



9.This page will occur once we add a device and configure the device.

IBM Watson IoT Platform

Browse Action Device Types Interfaces

Add Device

Browse Devices

All Devices Diagnose

This table shows a summary of all devices that have been added. It can be filtered, organized, and searched on using different criteria. To get started, you can add devices by using the Add Device button, or by using API.

Search by Device ID

Device Simulator

	Device ID	Status	Device Type	Class ID	Date Added
>	ESP32	Disconnected	SIVARANJANI	Device	7 Nov 2022 09:00

Items per page 50 | 1-1 of 1 item

1 of 1 page

1 Simulation running

10. The Device Simulator should be ON to show the output simulation by the program which is executed.

IBM Watson IoT Platform

sivarjaniv052002@gmail.com
ID: 9rlqaa

Browse Action Device Types Interfaces

Add Device +

Browse Devices

All Devices Diagnose

This table shows a summary of all devices that have been added. It can be filtered, organized, and searched on using different criteria. To get started, you can add devices by using the Add Device button, or by using API.

Search by Device ID

Device Simulator ☒

<input type="checkbox"/>	Device ID	Status	Device Type	Class ID	Date Added	
> <input type="checkbox"/>	ESP32	Disconnected	SIVARANJANI	Device	7 Nov 2022 09:00	→ ...

Items per page 50 | 1-1 of 1 item

1 Simulation running

Result:The IBM Watson Cloud for IoT and a device is created successfully.