

IBM WATSON IOT PLATFORM AND DEVICE

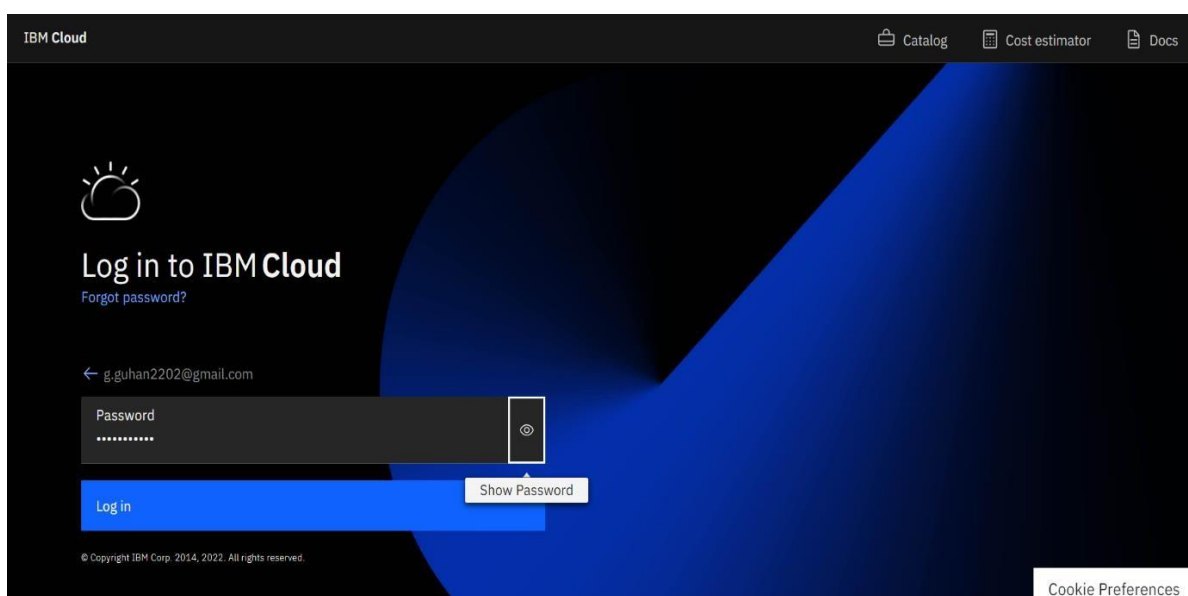
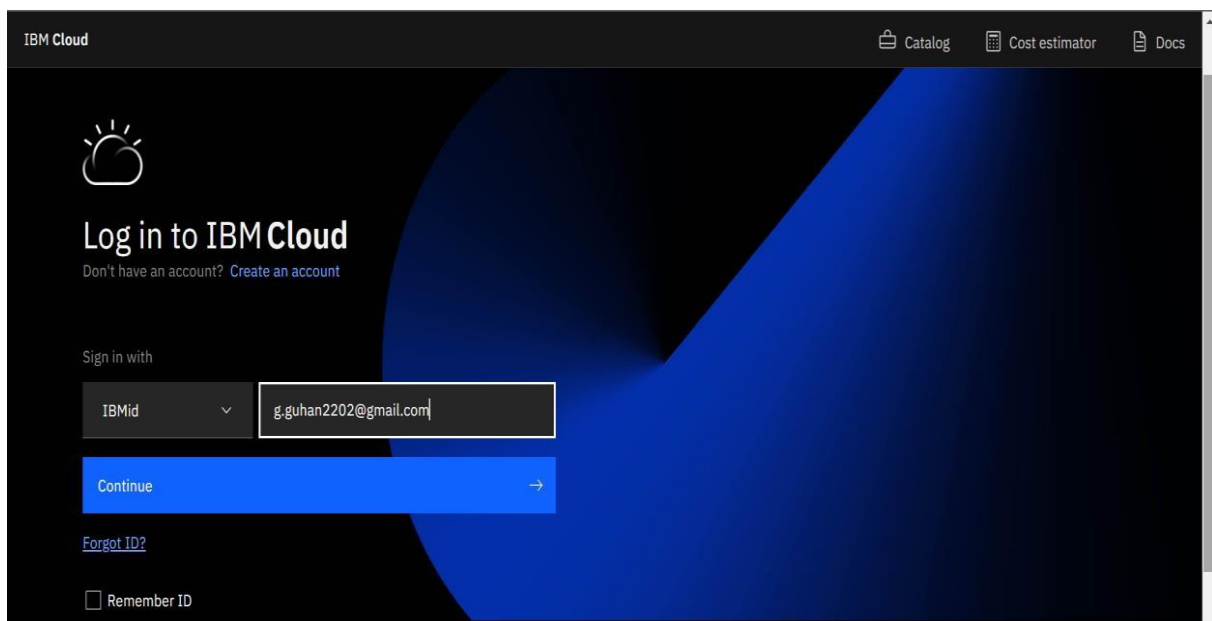
Assignment Date	07 NOVEMBER 2022
Student Name	Guhan G
Student Roll Number	710019106015
Team ID	PNT2022TMID42279

AIM:

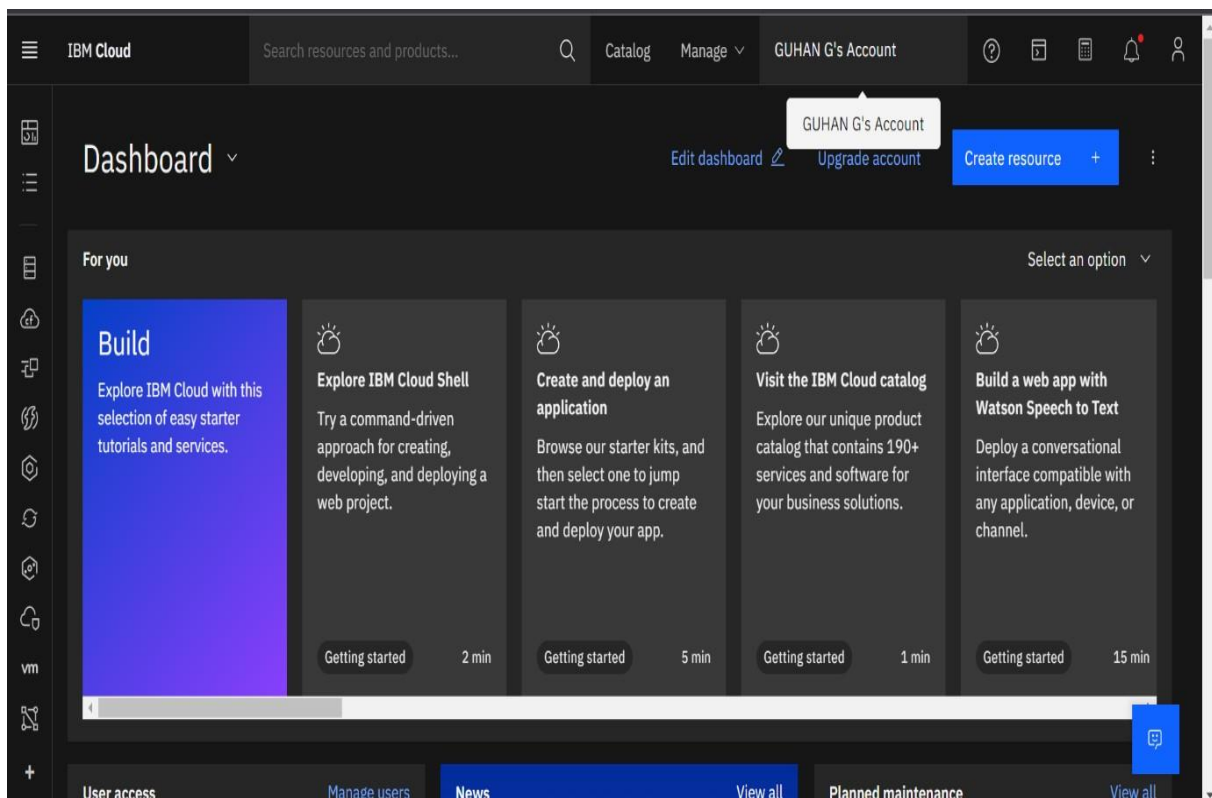
To create the IBM Watson IoT platform and device.

STEPS:

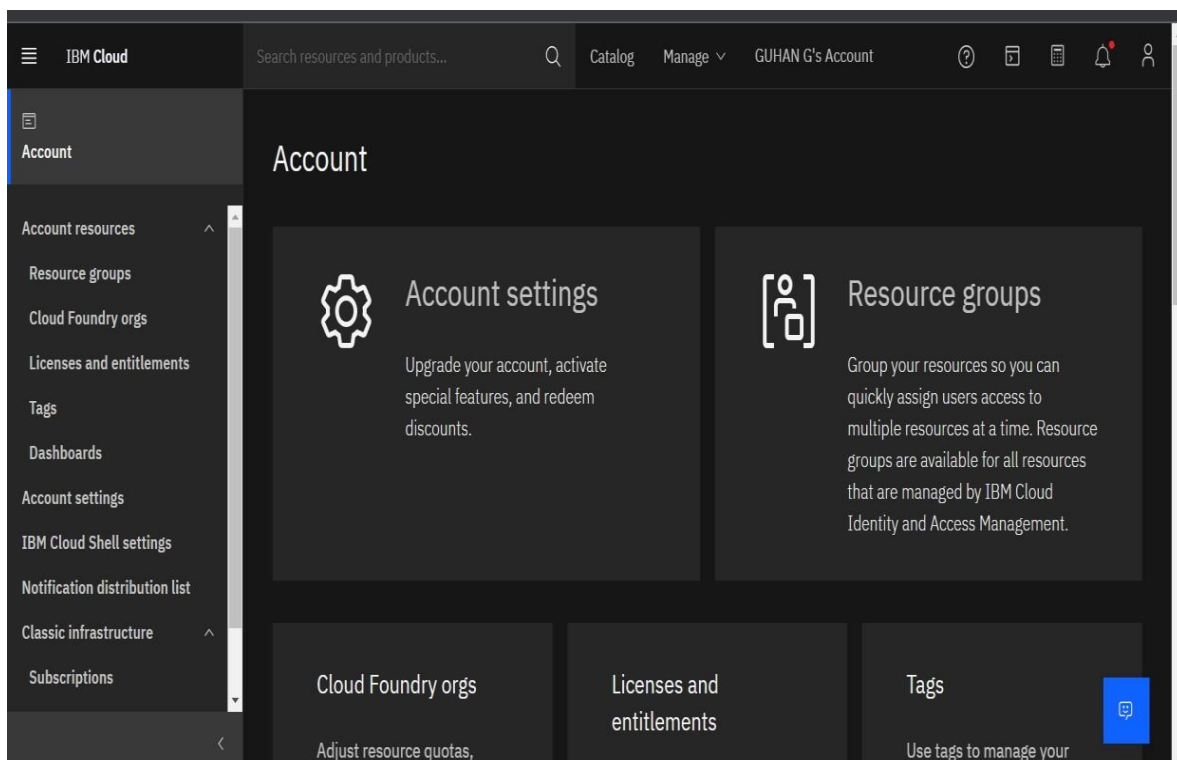
1.Login to IBM cloud account using mail ID and password



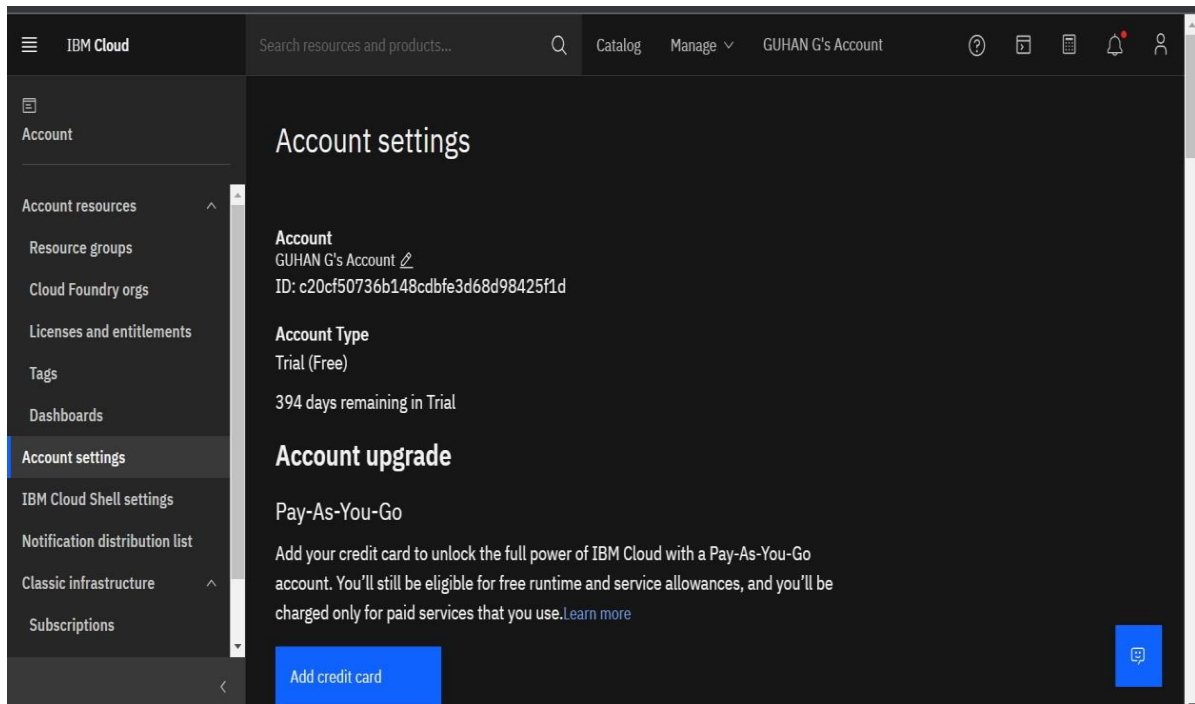
2. Homepage of the IBM cloud is shown below.



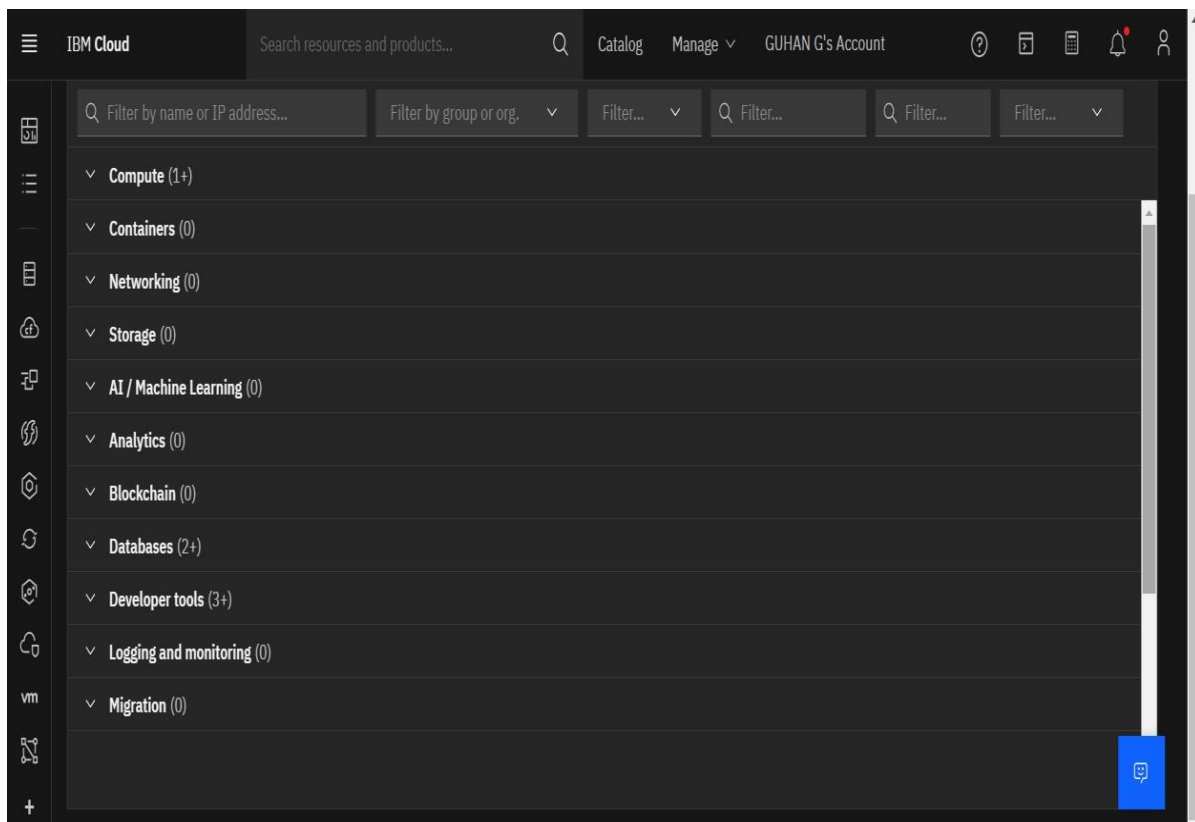
3. Account Settings will be found under the account option Under the Manage column.



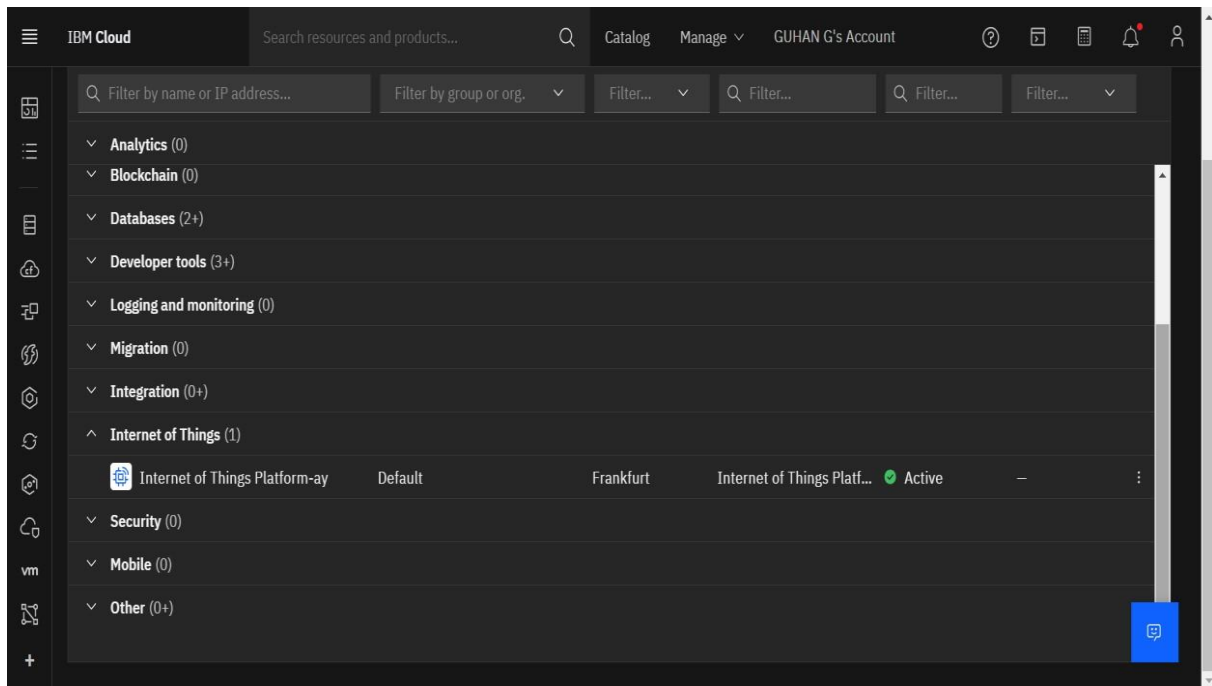
4. We can access the detail of our accounts in the account settings.



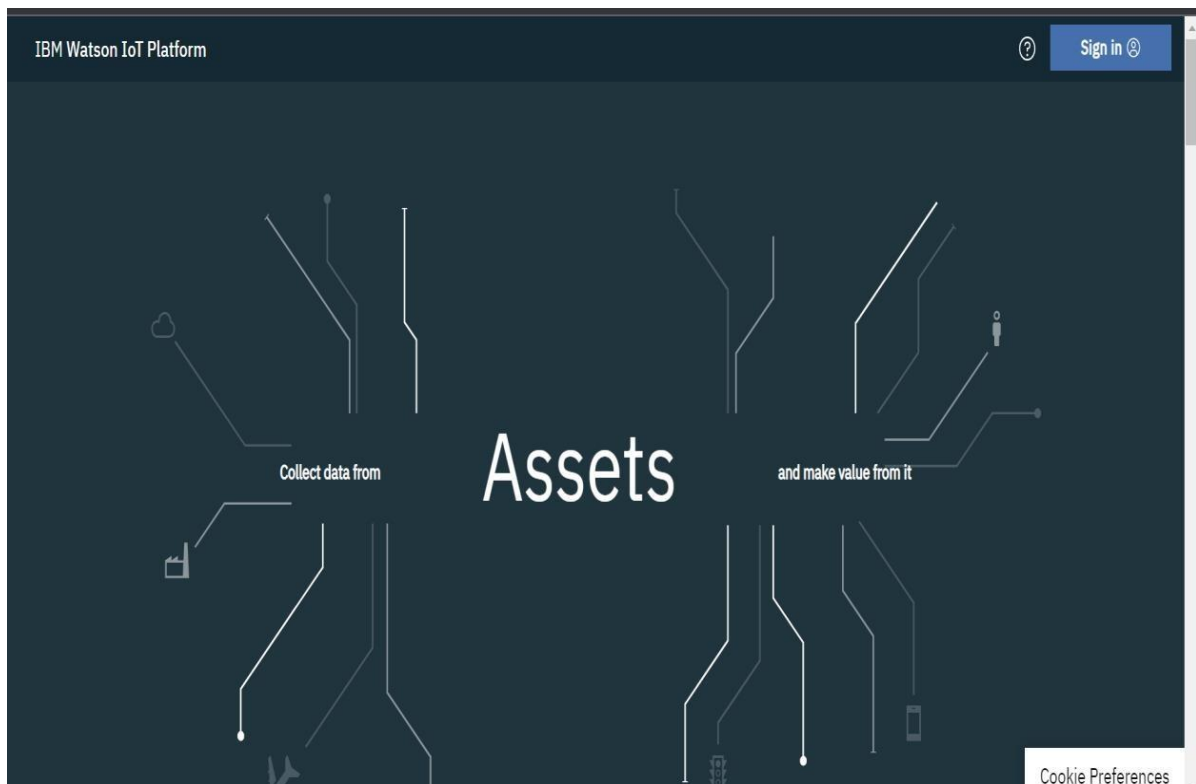
5. The options shown here will be below the Resource List.



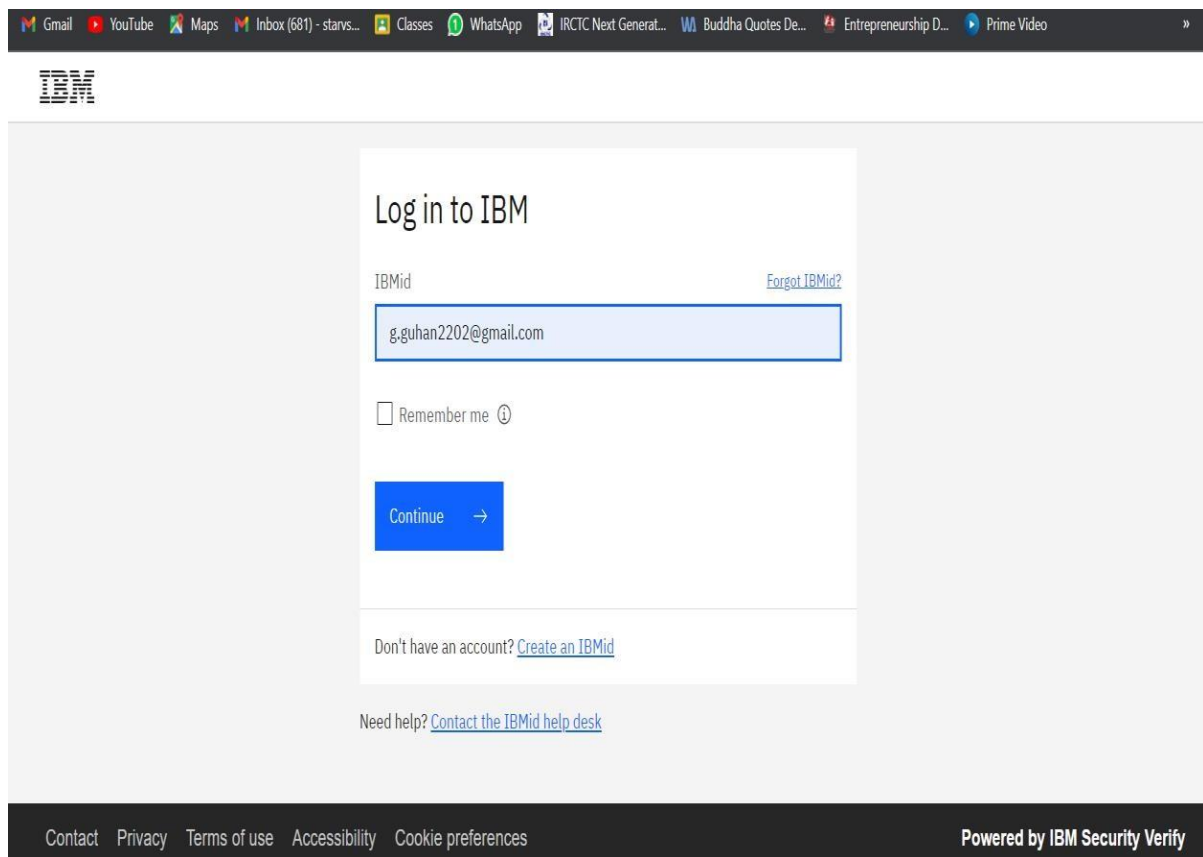
6. In the resource list Internet of things platform -ay will be available under the IoT.



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



8. Sign in in IBM Watson using mail ID



The screenshot shows a web browser window with a taskbar at the top containing icons for Gmail, YouTube, Maps, and several open email and application windows. The main content area displays the IBM logo at the top left. Below it is a white login box titled "Log in to IBM". Inside the box, the label "IBMId" is followed by a link "Forgot IBMId?". A text input field contains the email address "g.guhan2202@gmail.com". Below the input field is a checkbox labeled "Remember me" with a help icon. A blue "Continue" button with a right arrow is positioned below the checkbox. At the bottom of the login box, there is a link "Don't have an account? Create an IBMId". Below the login box, there is a link "Need help? Contact the IBMId help desk". At the very bottom of the page, a dark footer bar contains links for "Contact", "Privacy", "Terms of use", "Accessibility", and "Cookie preferences", followed by the text "Powered by IBM Security Verify".

Log in to IBM

IBMId [Forgot IBMId?](#)

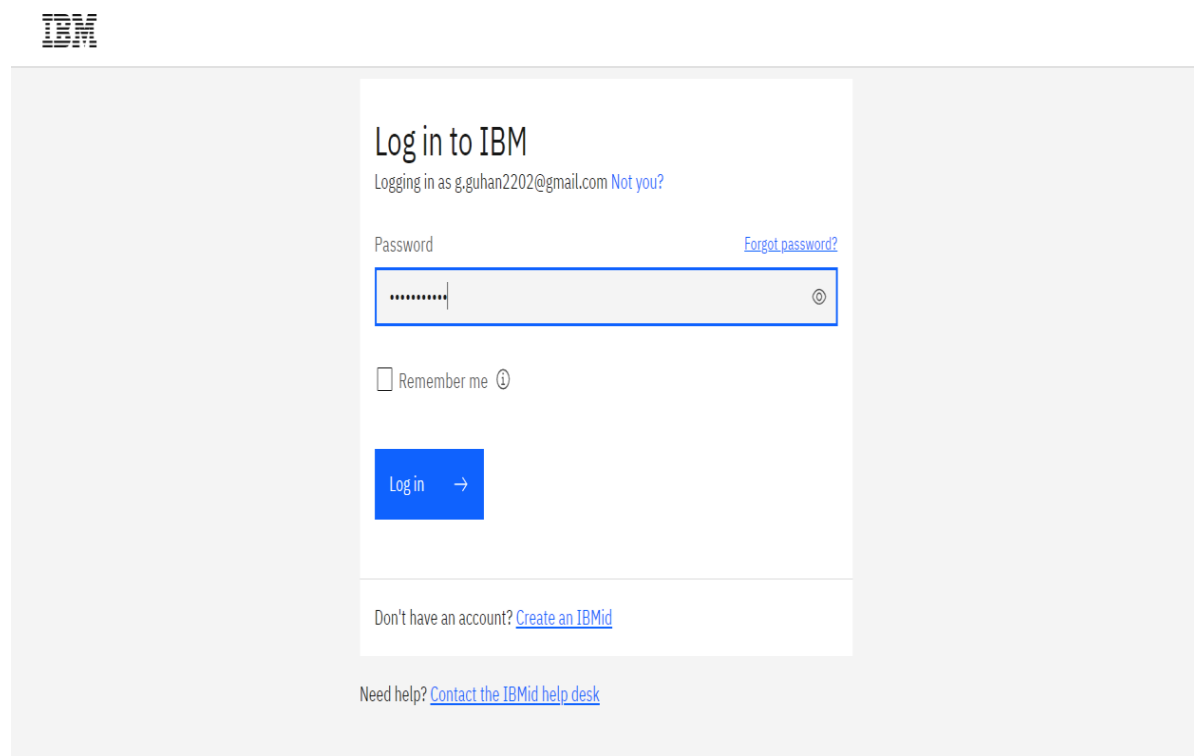
☐ Remember me ⓘ

[Continue](#) →

Don't have an account? [Create an IBMId](#)

Need help? [Contact the IBMId help desk](#)

[Contact](#) [Privacy](#) [Terms of use](#) [Accessibility](#) [Cookie preferences](#) **Powered by IBM Security Verify**



This screenshot shows the same IBM login page, but now the password field is visible. The text "Logging in as g.guhan2202@gmail.com" is displayed above the password field, followed by a link "Not you?". The password input field is masked with dots and has a "Forgot password?" link to its right. The "Remember me" checkbox and the "Log in" button (with a right arrow) remain. The bottom links and footer are identical to the previous screenshot.

Log in to IBM

Logging in as g.guhan2202@gmail.com [Not you?](#)

Password [Forgot password?](#)

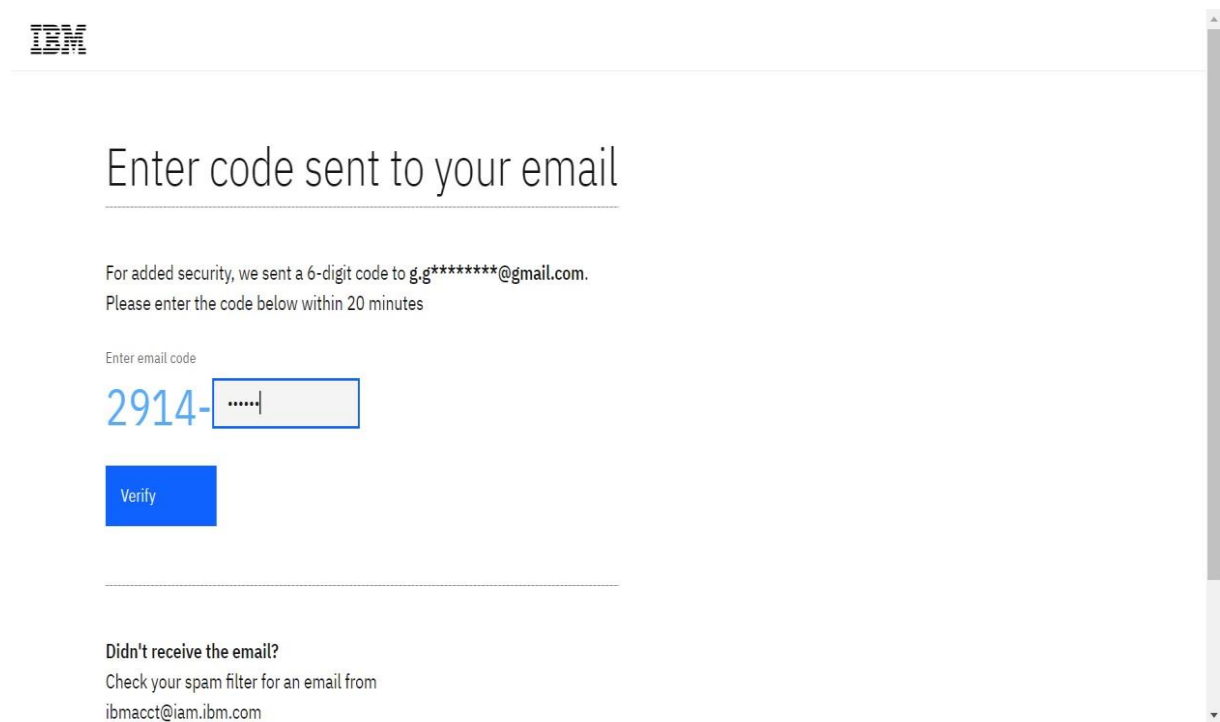
☐ Remember me ⓘ

[Log in](#) →

Don't have an account? [Create an IBMId](#)

Need help? [Contact the IBMId help desk](#)

9. A verification code will be sent to the registered mail ID.



IBM

Enter code sent to your email

For added security, we sent a 6-digit code to g.g*****@gmail.com.
Please enter the code below within 20 minutes

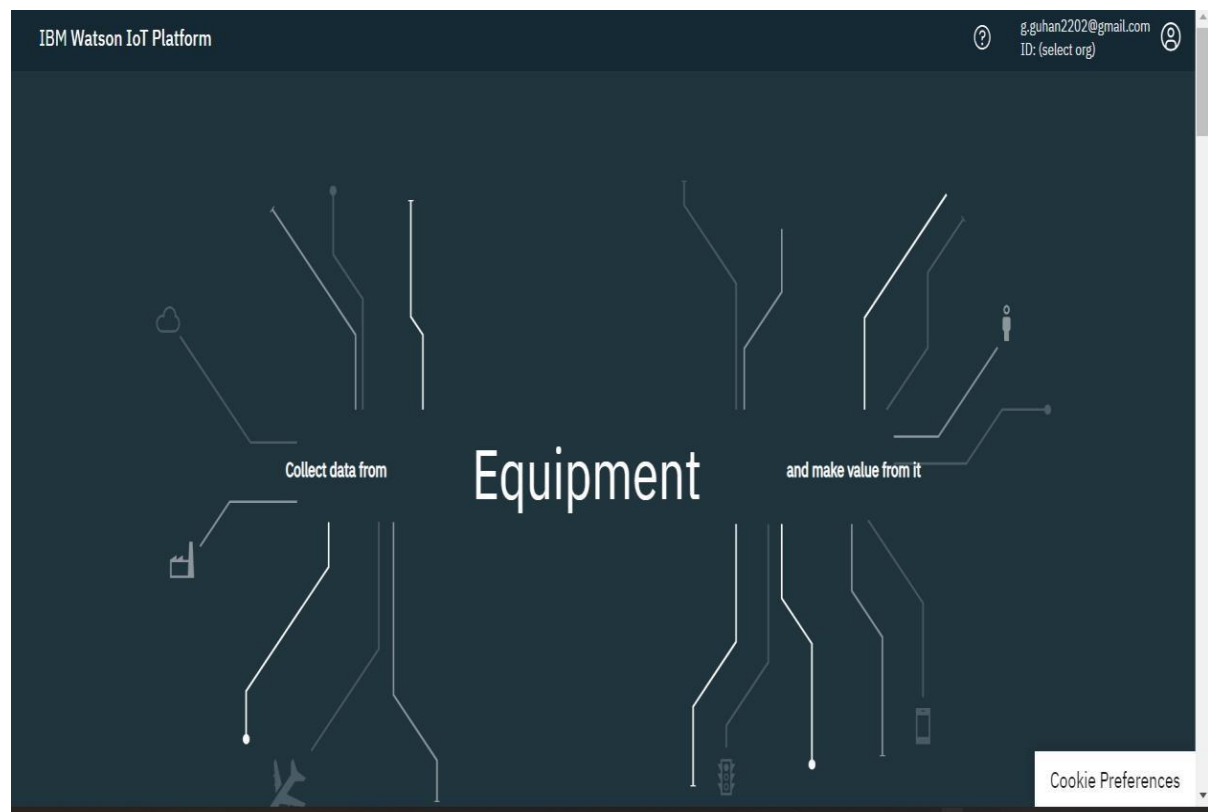
Enter email code

2914-

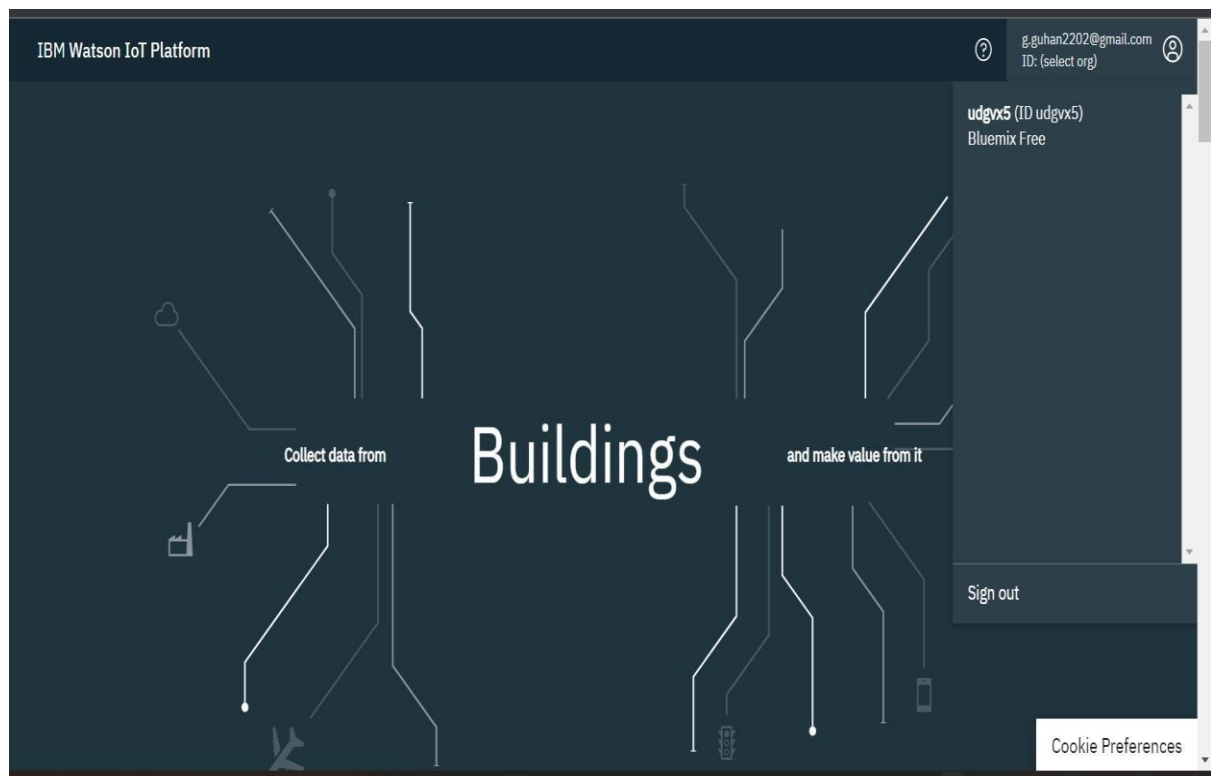
Verify

Didn't receive the email?
Check your spam filter for an email from
ibmacct@iam.ibm.com

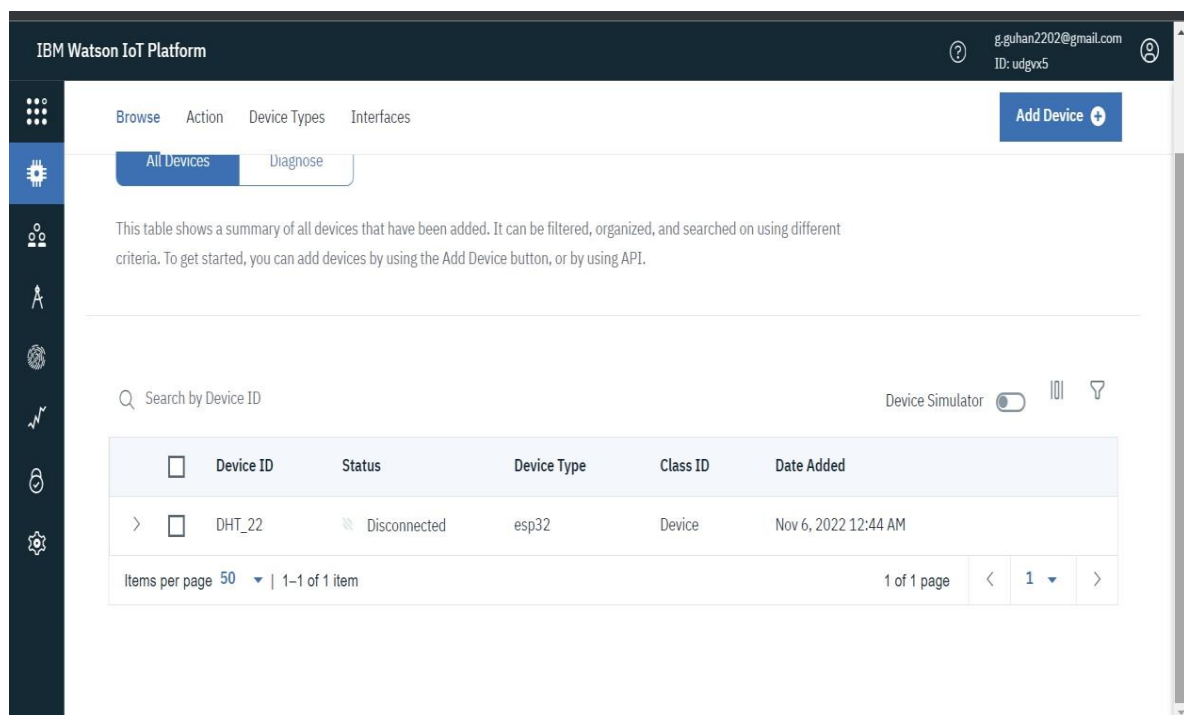
10. The Signed in IBM Watson page is shown below.



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



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



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

The screenshot displays the IBM Watson IoT Platform interface. At the top, the header shows the platform name, a user profile, and a navigation menu. The main content area is titled 'All Devices' and includes a search bar and a table of devices. A 'Device Simulator' toggle is visible on the right side of the table. Below the table, a status bar indicates '0 Simulations running'.

IBM Watson IoT Platform

g.guahan2202@gmail.com
ID: udgvx5

Browse Action Device Types Interfaces

Add Device +

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"/>	DHT_22	Disconnected	esp32	Device	Nov 6, 2022 12:44 AM	→ ...

Items per page 50 | 1-1 of 1 item

1 of 1 page

0 Simulations running

Result:

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