Name of the Student: **Shrushti Krishna Shrivastav**   **PRN: 20220801024**

Title of Practicle :   Creating a User Pool in AWS Cognito

STEP1: LOG IN AND SEARCH FOR COGNITO SERVICE

Go to cognito and create userpool

STEP2: Create user pool

St1--- provider type: cognito user pool,   Options: email

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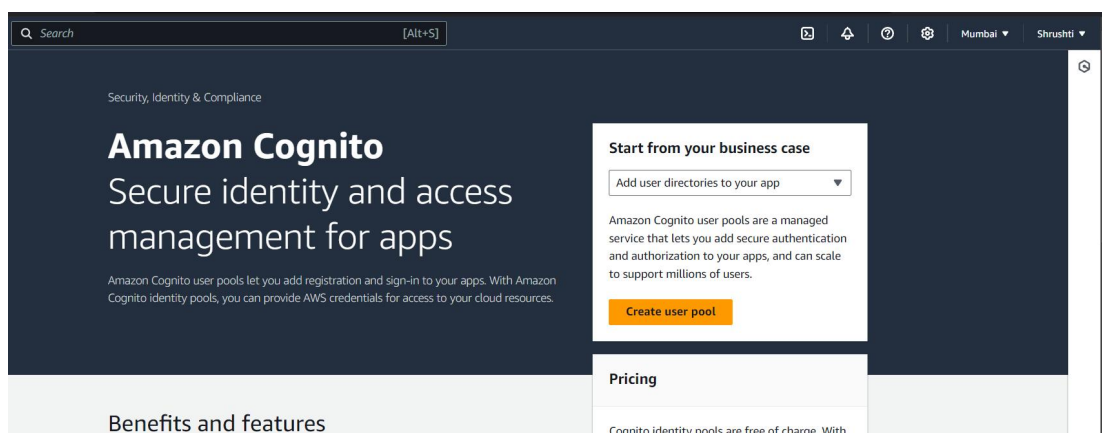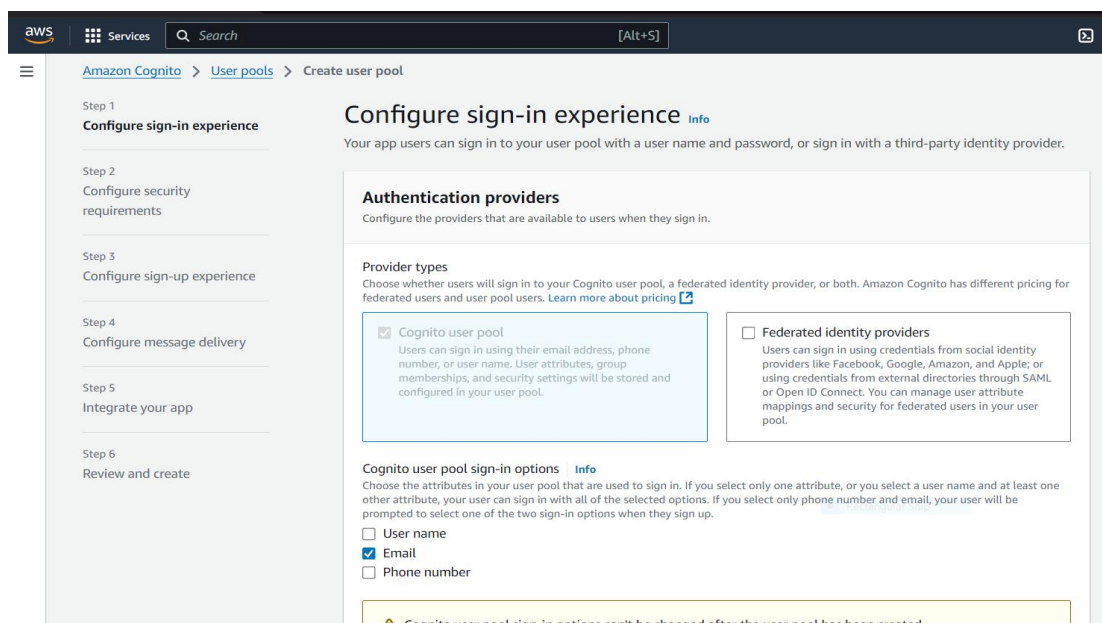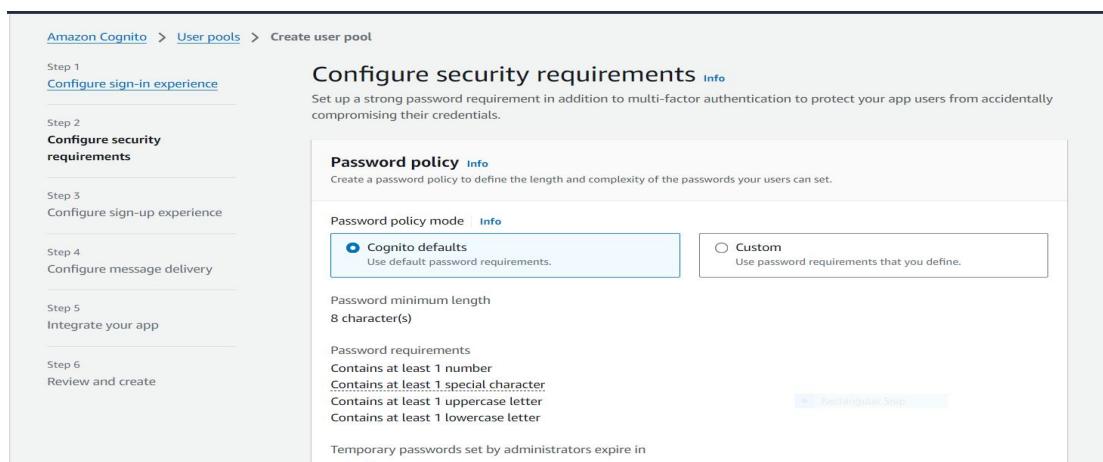## Subject: Advance Cloud Computing(ACC)

Name of the Student: Shrushti Krishna Shrivastav   **PRN:** 20220801024

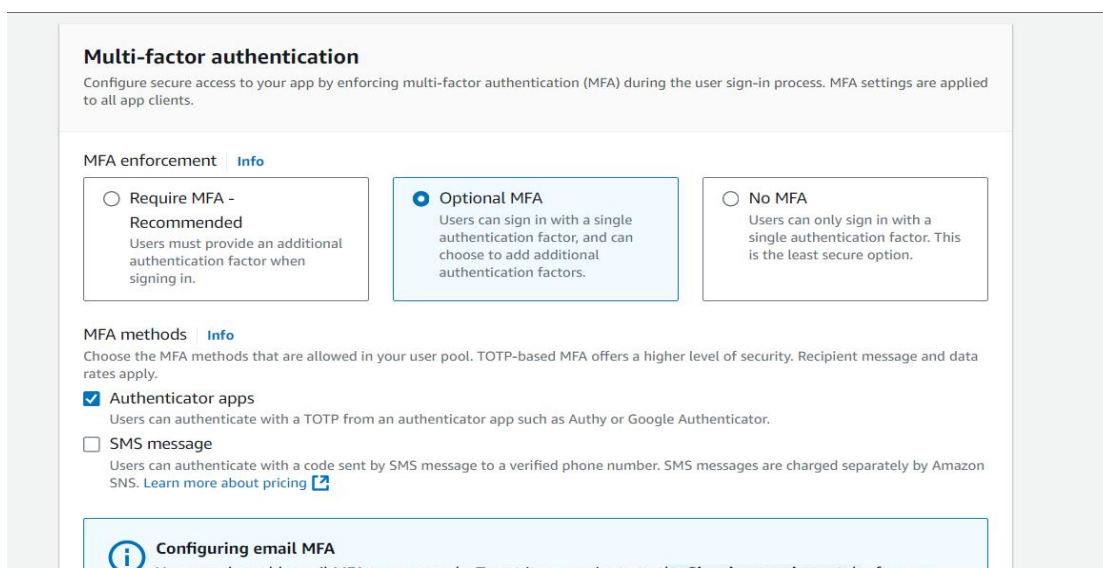**Title of Practicle :** Creating a User Pool in AWS Cognito

---

St2---

Password policy mode: cognito default
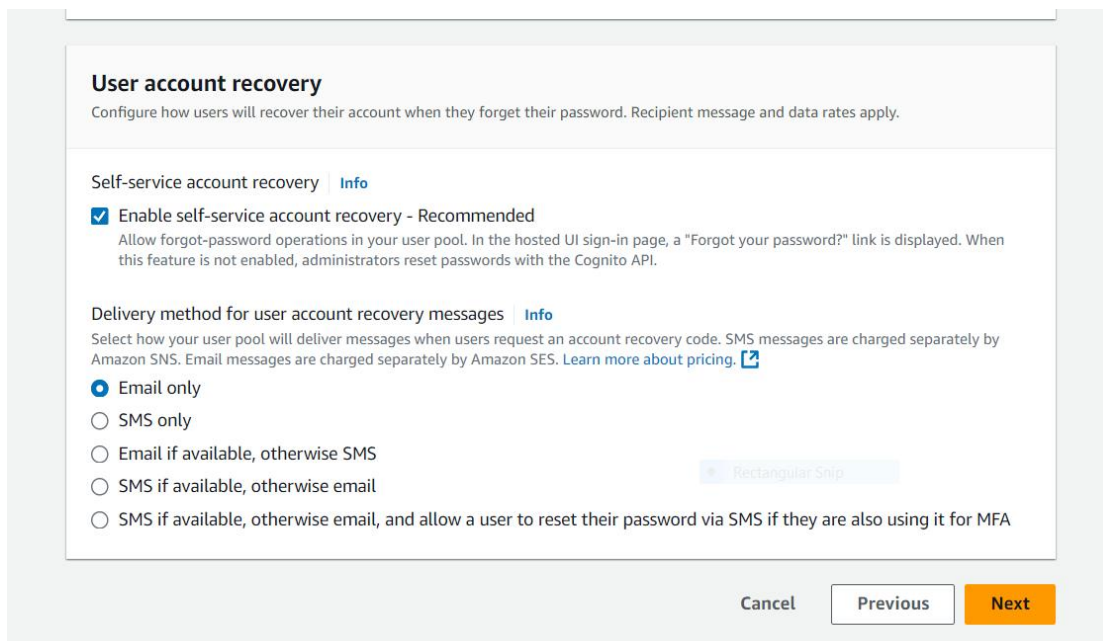

MFA: optional MFA

Method : authenticator app

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No changes here

St3---Do the following changes

Name of the Student: **Shrushti Krishna Shrivastav**   **PRN: 20220801024**

Title of Practicle :   Creating a User Pool in AWS Cognito

Attribute verification and user account confirmation

Choose between Cognito-assisted and self-managed user attribute verification and account confirmation. Only verified attributes can be used for sign-in, account recovery, and MFA. A user account must be confirmed either by attribute verification, or user pool administrator confirmation, before a user is allowed to sign in.

Cognito-assisted verification and confirmation Info

Automatically send

⦿ Allow Cognito to automatically send messages to verify and confirm - Recommended
Amazon Cognito sends a verification message with a code that the user must enter. For new users, this will verify the attribute and confirm their account.

◯ Don't automatically send messages
Amazon Cognito doesn't send messages to users who add or change an attribute. Update attributes and confirm users with administrative API operations or Lambda triggers.

Attributes to verify | Info
Choose the user contact attribute that Cognito will send a verification message to. Recipient message and data rates apply when you use SMS.

◯ Send SMS message, verify phone number
Verify with SMS to allow users to use their phone number for sign-in, MFA, and account recovery. SMS messages are charged separately by Amazon SNS.
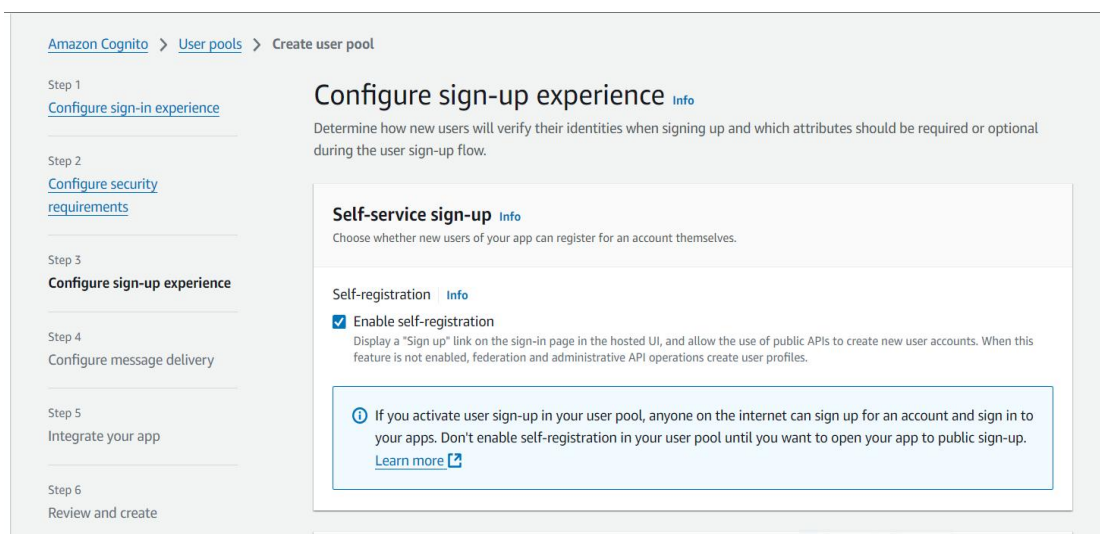
⦿ Send email message, verify email address
Verify with email to allow users to use their email address for sign-in, MFA, and account recovery. Email messages are charged separately by Amazon SES.

◯ Send SMS message if phone number is available, otherwise send email message
You must build custom code when you want to verify both email and phone numbers at user account creation.

Verifying attribute changes Info

☑ Keep original attribute value active when an update is pending - Recommended
When you update the value of an email or phone number attribute, your user must verify the new value. Until they verify the new value, they can receive messages and sign in with the original value. If you don't turn on this feature, your user can't sign in with that attribute before they verify the new value.

Active attribute values when an update is pending | Info
Choose the attributes that you want to keep active when an update to their value is pending. Your users can receive messages and sign in with the original attribute value until they verify the new value.

◯ Phone number
⦿ Email address
◯ Phone number and email address

Required attributes Info

Choose the attributes that are required when a new user is created. Cognito assigns all users a set of standard attributes based on the OpenID Connect (OIDC) standard.

Required attributes based on previous selections
email

Additional required attributes

| Select attributes   ▼ |

| name ✕ |

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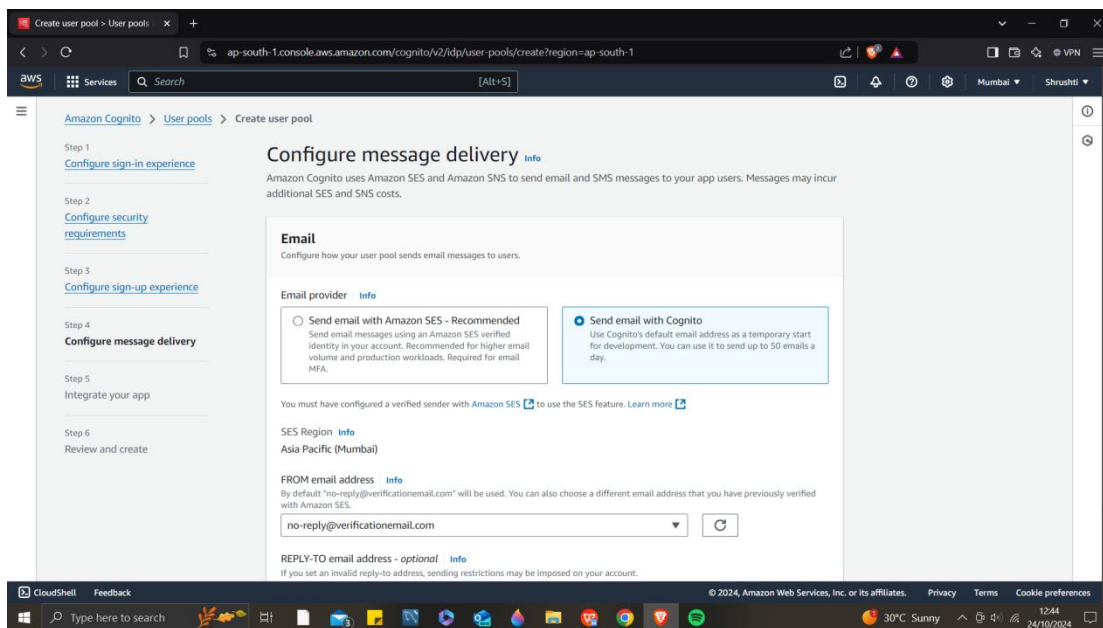## B.C.A. TY (SCSEA)
Subject: Advance Cloud Computing(ACC)

Name of the Student: Shrushti Krishna Shrivastav   **PRN:** 20220801024
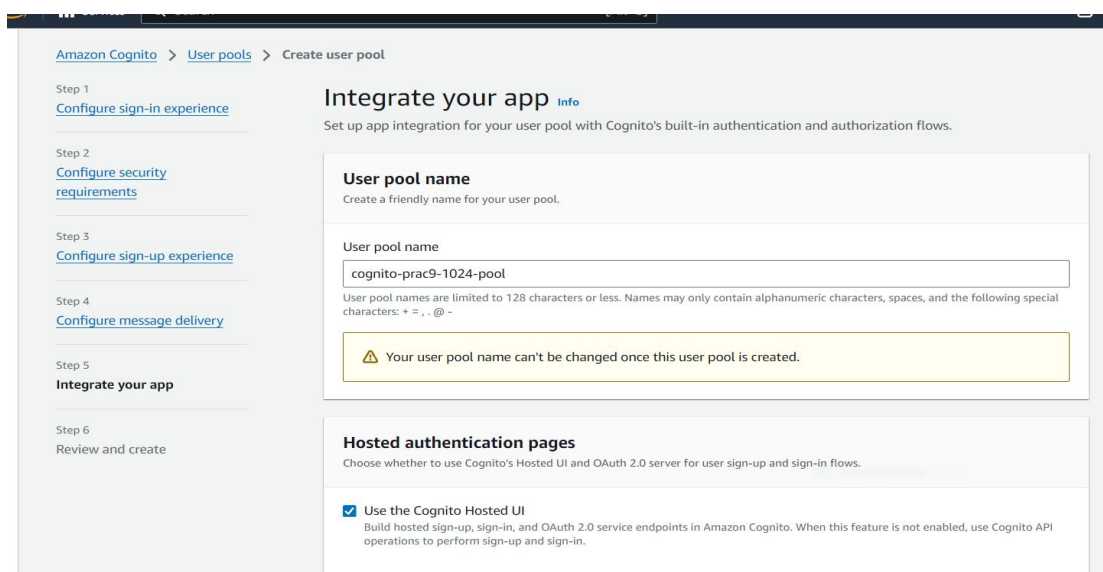
Title of Practicle : Creating a User Pool in AWS Cognito

St 4---Ensure to check : Send email with cognito

St5---Give name for user pool: cognito-prac9-1024-pool

Also check the box for : cognito hosted UI

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Title of Practicle :   Creating a User Pool in AWS Cognito

Use cognito domain, Name the domain, Select public client

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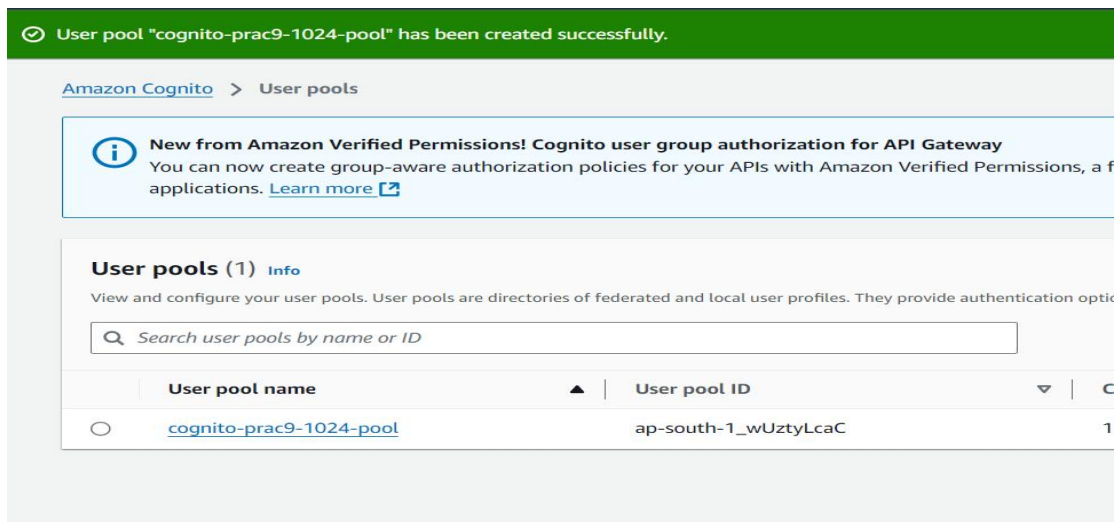## B.C.A. TY (SCSEA)
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Name : app client, don't generate client's secret, callback url: localhost

St6---

Create user pool

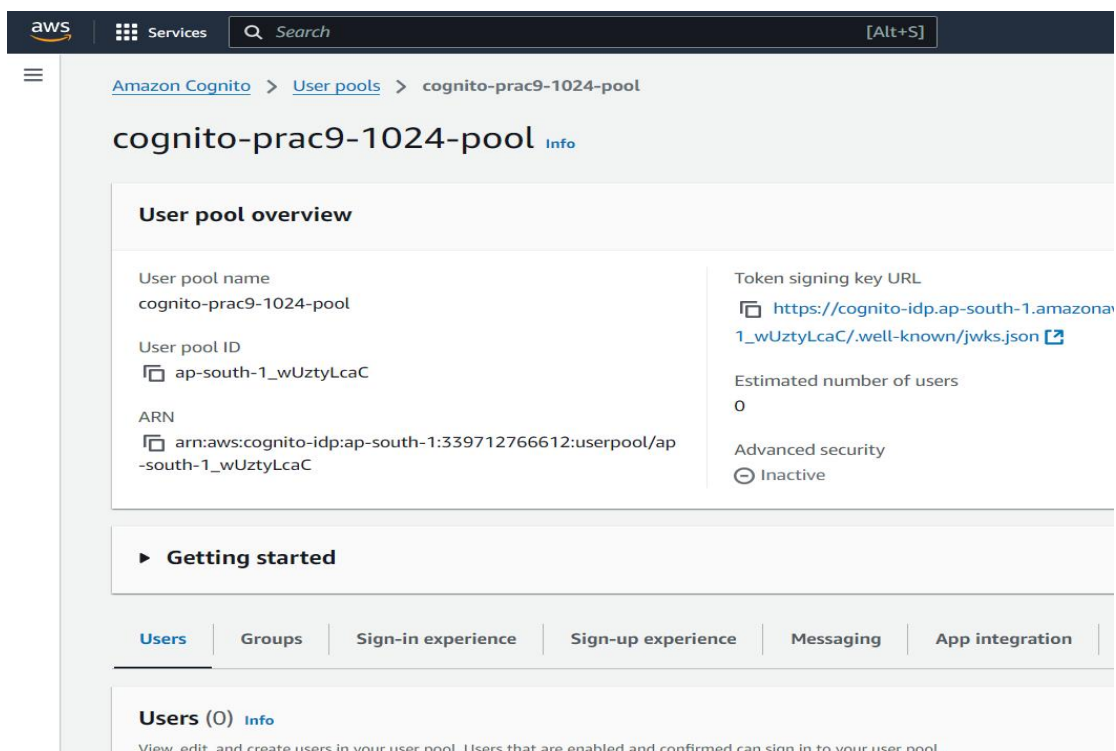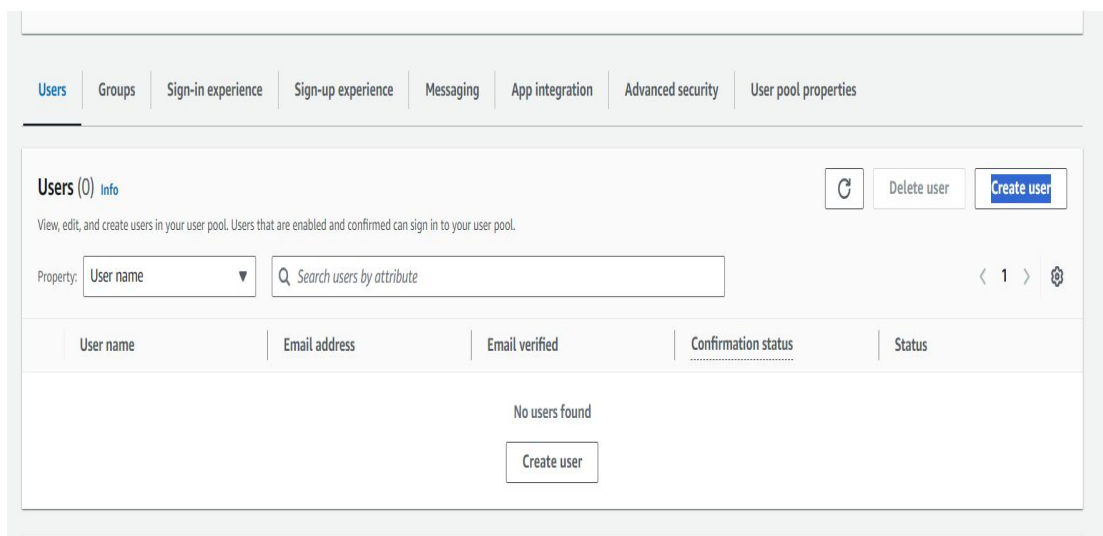Name of the Student: **Shrushti Krishna Shrivastav**   PRN: 20220801024

Title of Practicle :   Creating a User Pool in AWS Cognito

Go inside the created user pool

Scroll up and go to user

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Title of Practicle :   Creating a User Pool in AWS Cognito

Now create user:

Here ensure to provide the verified email address, check the box to mark email as verified and provide a password for the given email also remember the given email and password

Email : shrushtishree04@gmail.com

Password: Shru@1024

And create user.

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Title of Practicle :   Creating a User Pool in AWS Cognito

Now we need to create a url to visit signin page for the go to google and search 'hosted url cognito'

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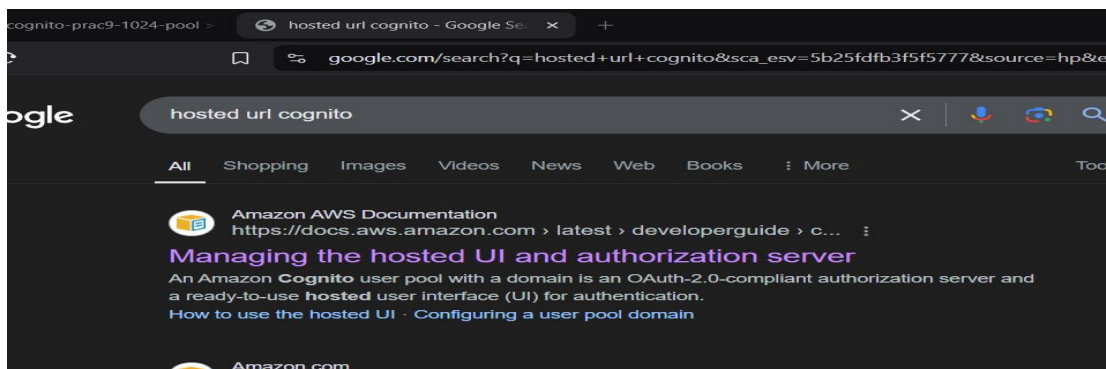## B.C.A. TY (SCSEA)
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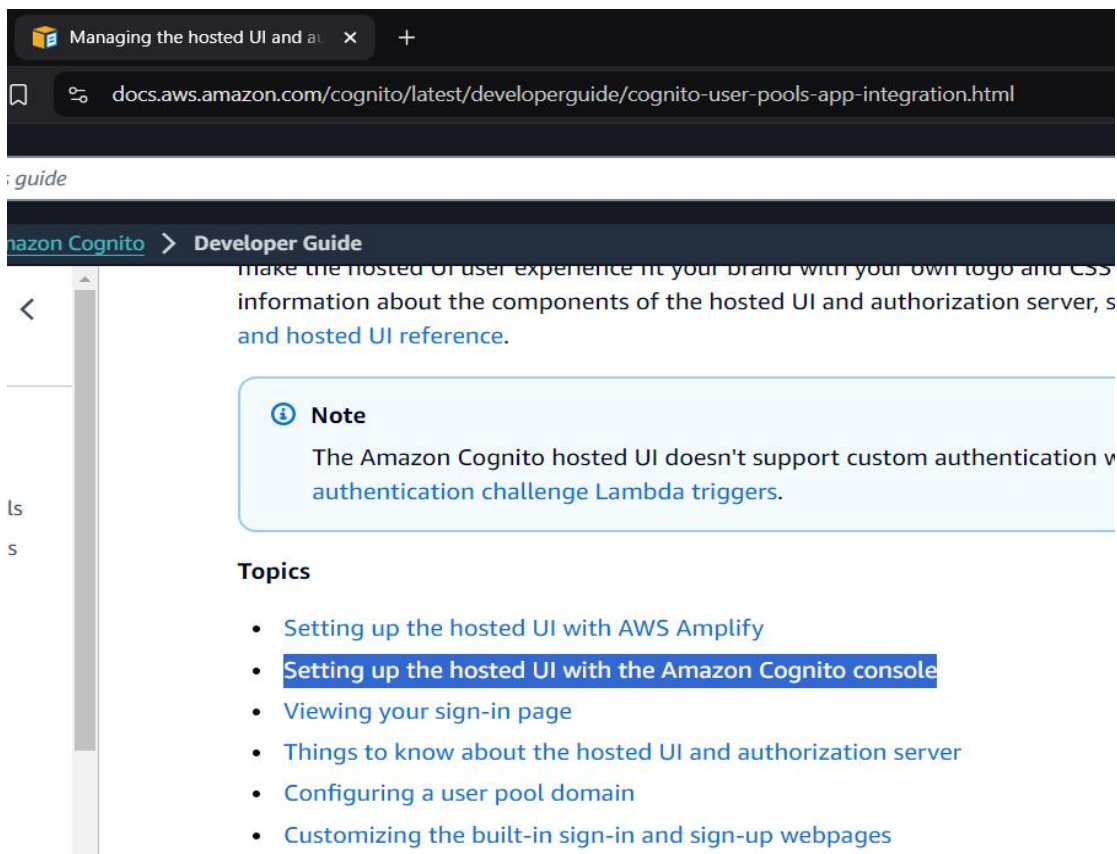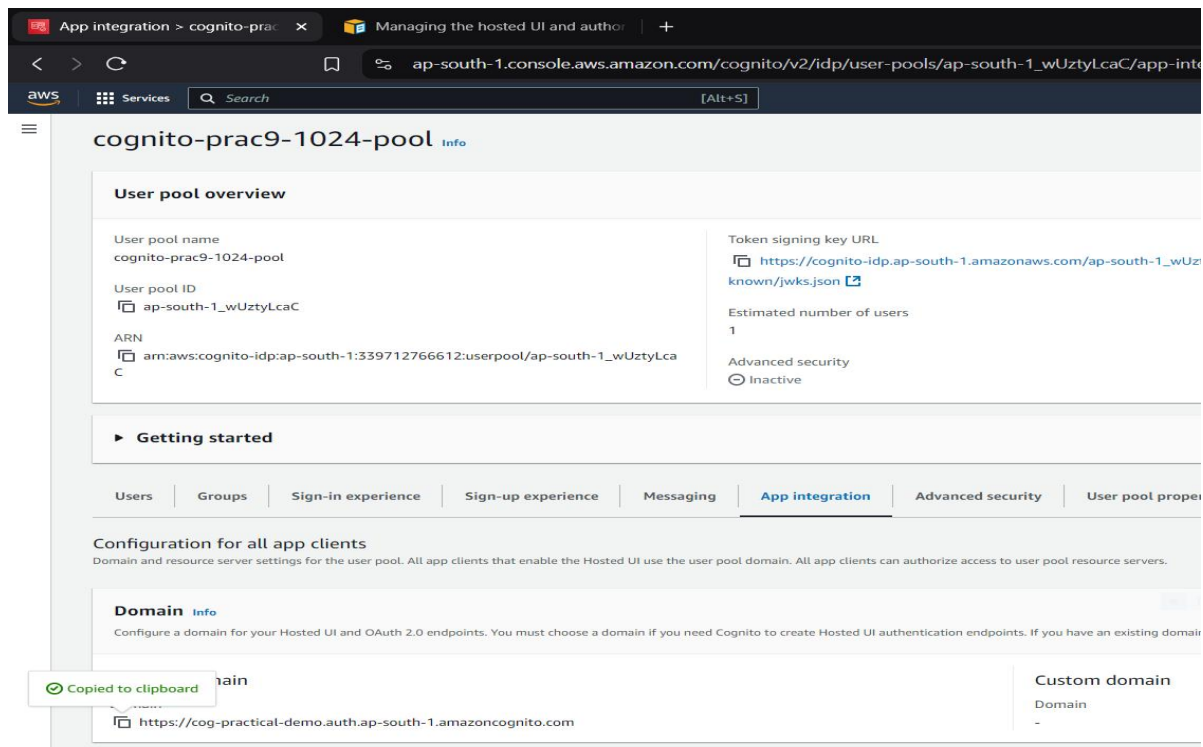**Name of the Student:**   **Shrushti Krishna Shrivastav**   **PRN:**   **20220801024**

Title of Practicle :   Creating a User Pool in AWS Cognito

Open the first aws documentation suggested

Topics -- select the second option and copy the first url to notepad

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Copy this link--

Paste in notepad---

Here we need to do 3 changes

1. <your domain>

2. <your app client id>

3. <your callback url>

Name of the Student: **Shrushti Krishna Shrivastav**   **PRN: 20220801024**
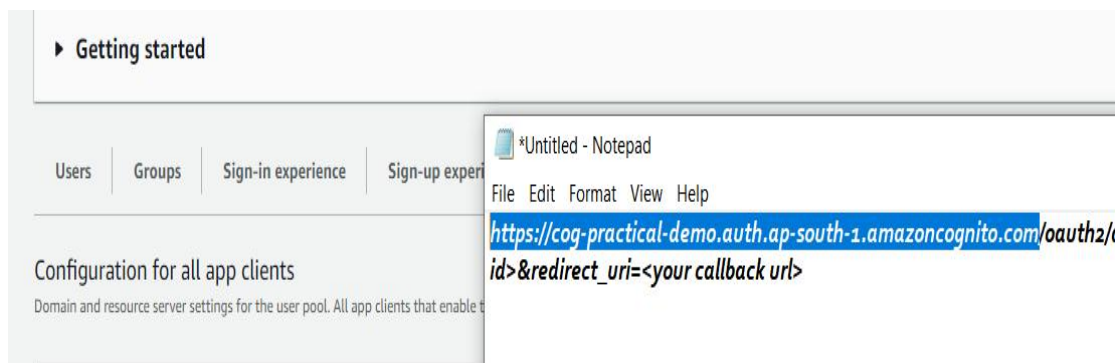
Title of Practicle :   Creating a User Pool in AWS Cognito

1---Go to created pool and scroll up. Go to app integration and copy the domain and replace with 1ˢᵗ point in url

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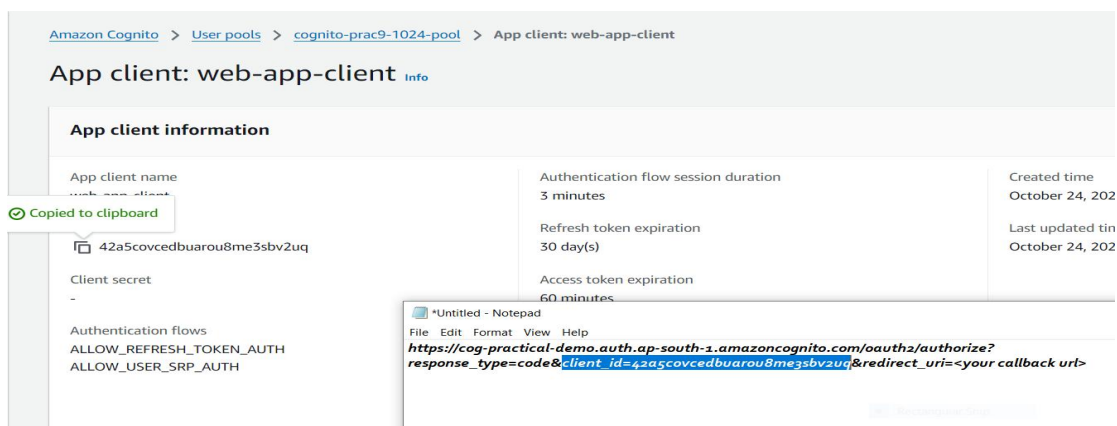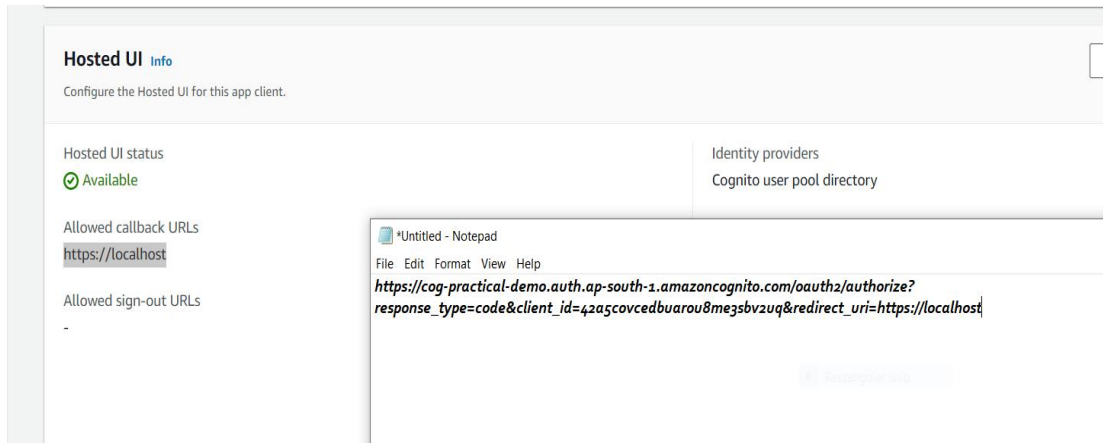## Subject: Advance Cloud Computing(ACC)

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2--- In app integration scroll up till the end . in app client list , you'll find app client name go in that link and copy the client id and replace with 2nd point in notepad

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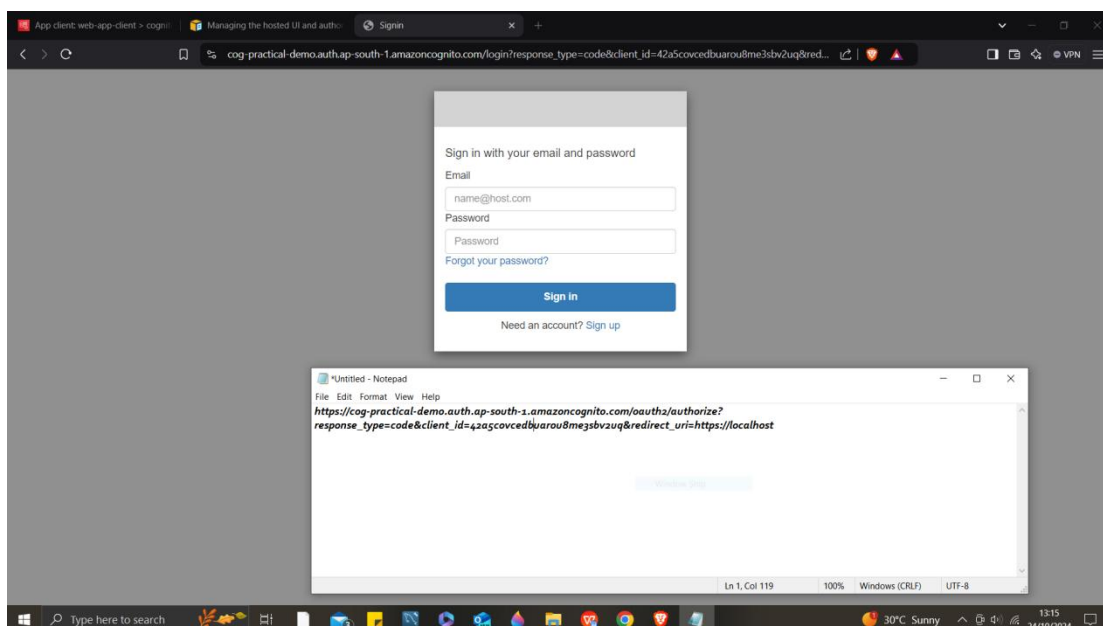|		
Name of the Student:	**Shrushti Krishna Shrivastav**	**PRN: 20220801024**
Title of Practicle :	Creating a User Pool in AWS Cognito	

3---

Again in that client list scroll up till you find 'hosted UI' and copy the url to replace with 3rd point in notepad.

Finally copy paste this link to browser

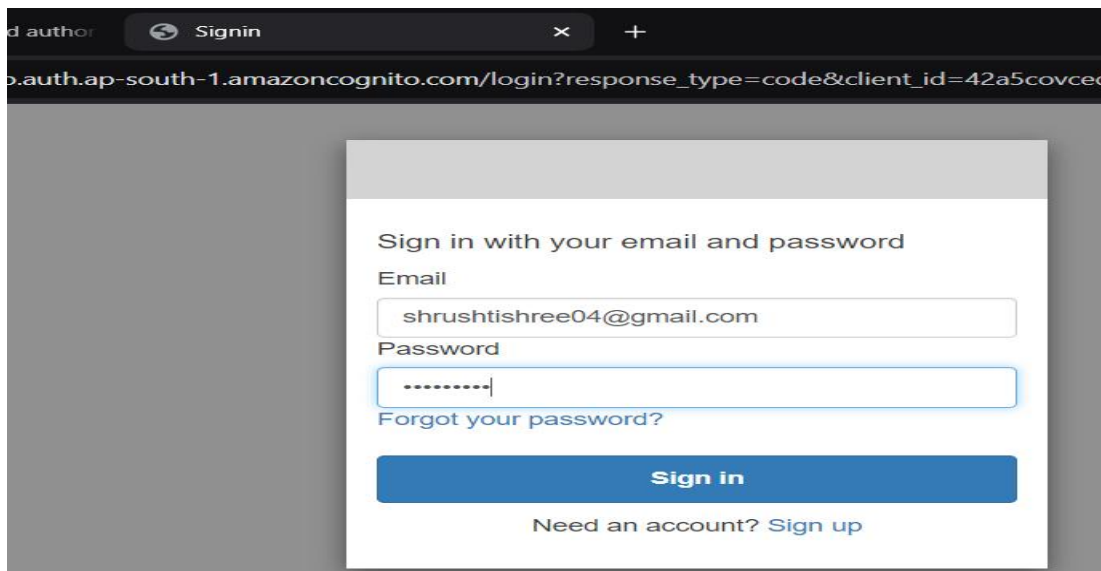**Name of the Student:** **Shrushti Krishna Shrivastav** **PRN:** **20220801024**

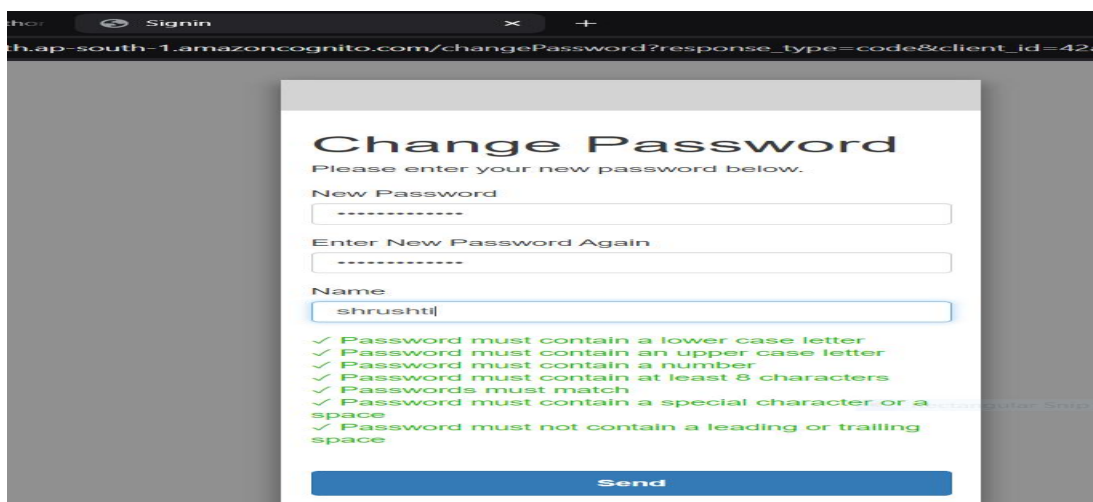**Title of Practicle :** Creating a User Pool in AWS Cognito

Now sign in with the email and password you gave while creation of user

Email : shrushtishree04@gmail.com

Password: Shru@1024

Give new password and remember that : For now: shrushti@2004

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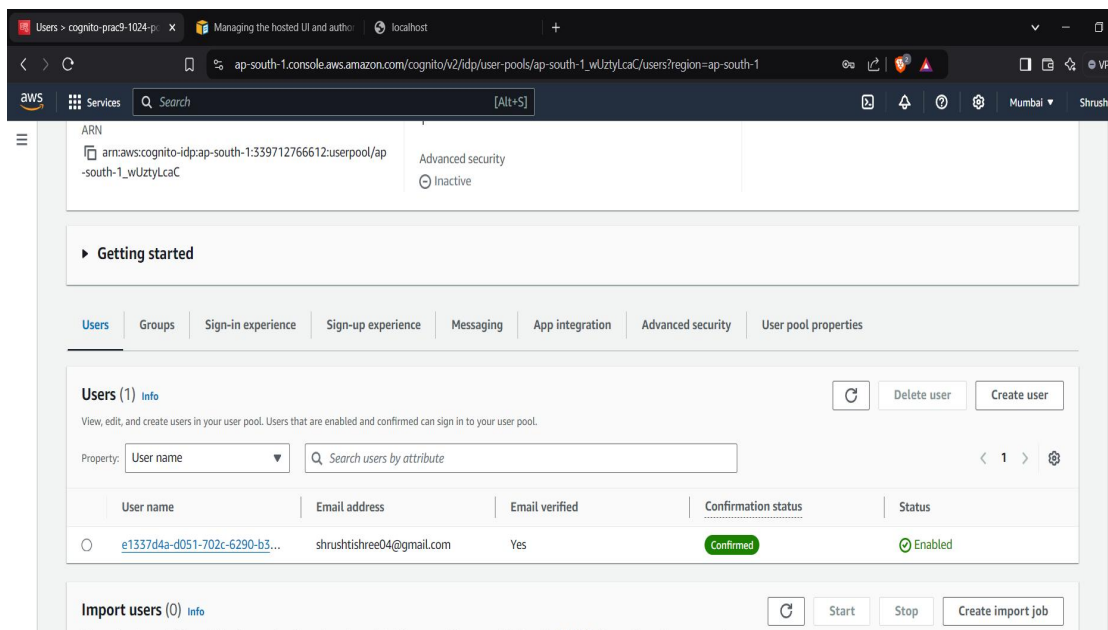## B.C.A. TY (SCSEA)
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Name of the Student: **Shrushti Krishna Shrivastav**   **PRN: 20220801024**
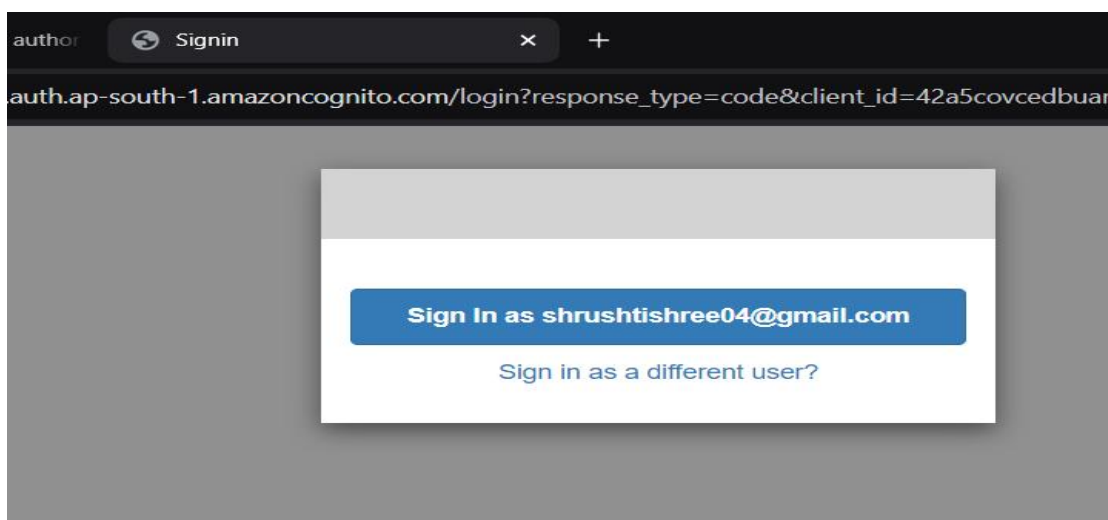
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Now check user in user pool :

Your email is now erified and user is added

Create new user with new email id and password

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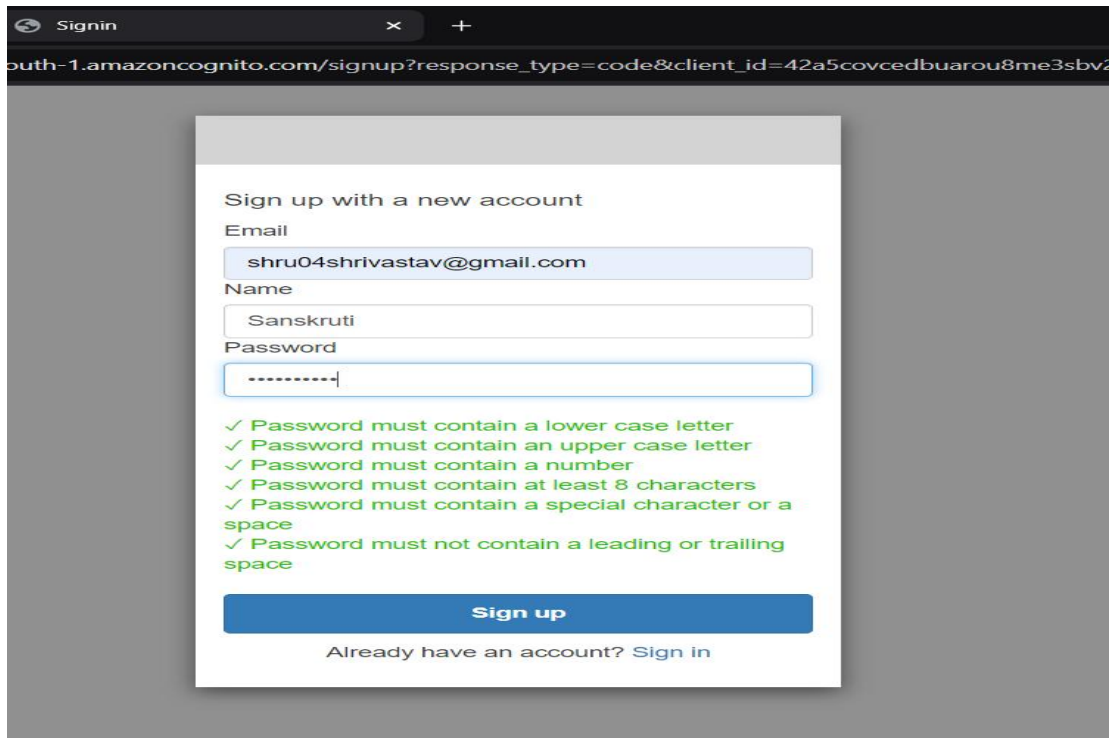**B.C.A. TY (SCSEA)**
Subject: Advance Cloud Computing(ACC)

Name of the Student: **Shrushti Krishna Shrivastav**   **PRN: 20220801024**

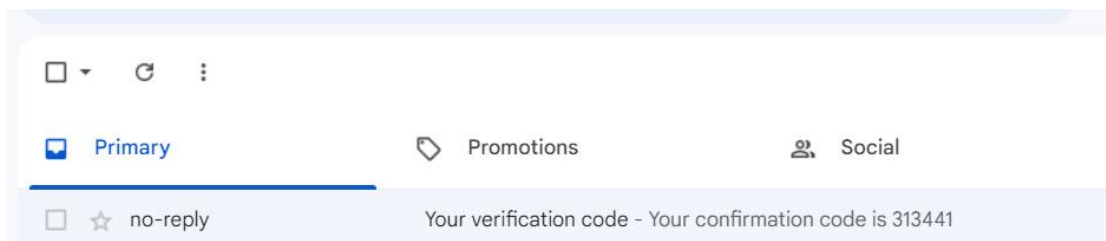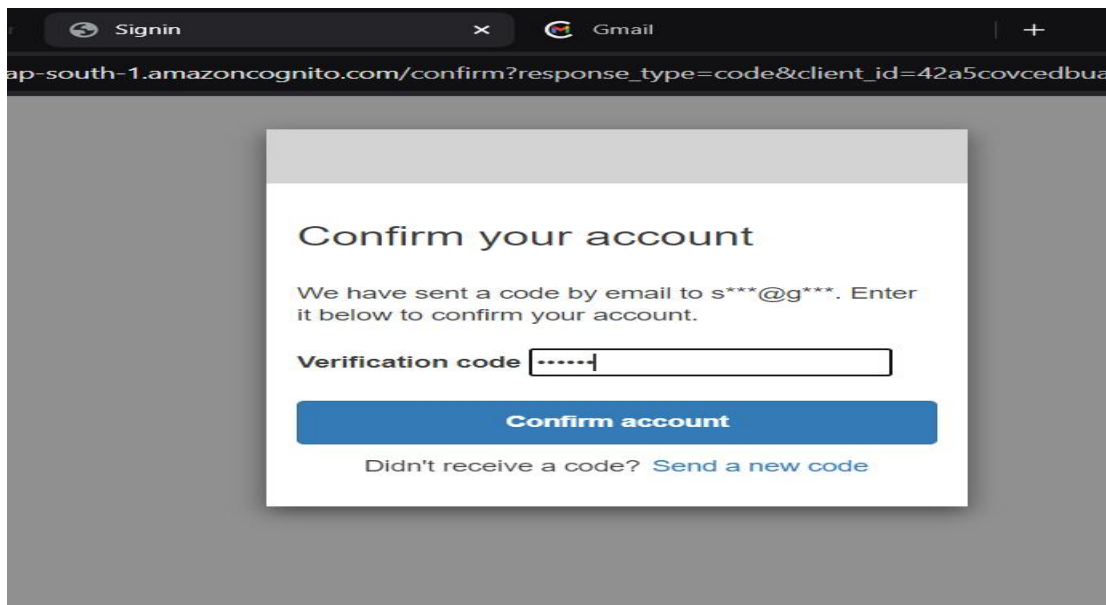**Title of Practicle :**   Creating a User Pool in AWS Cognito
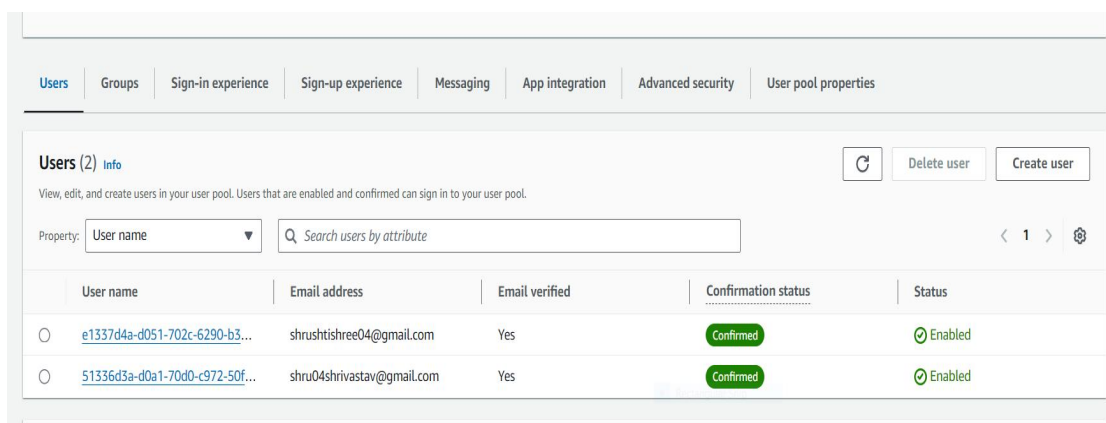

Verify with the code sended to your email

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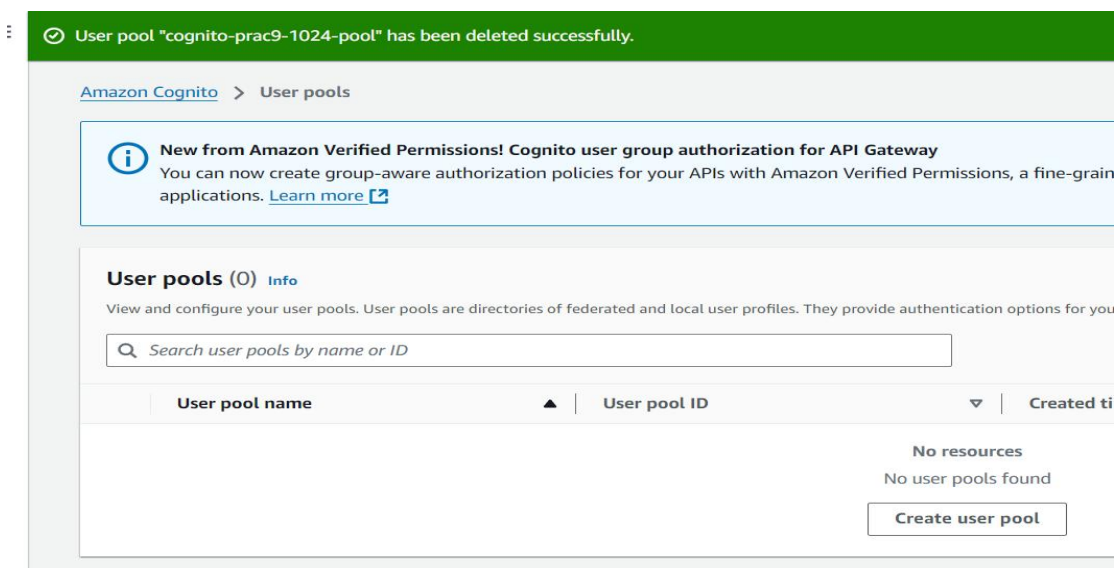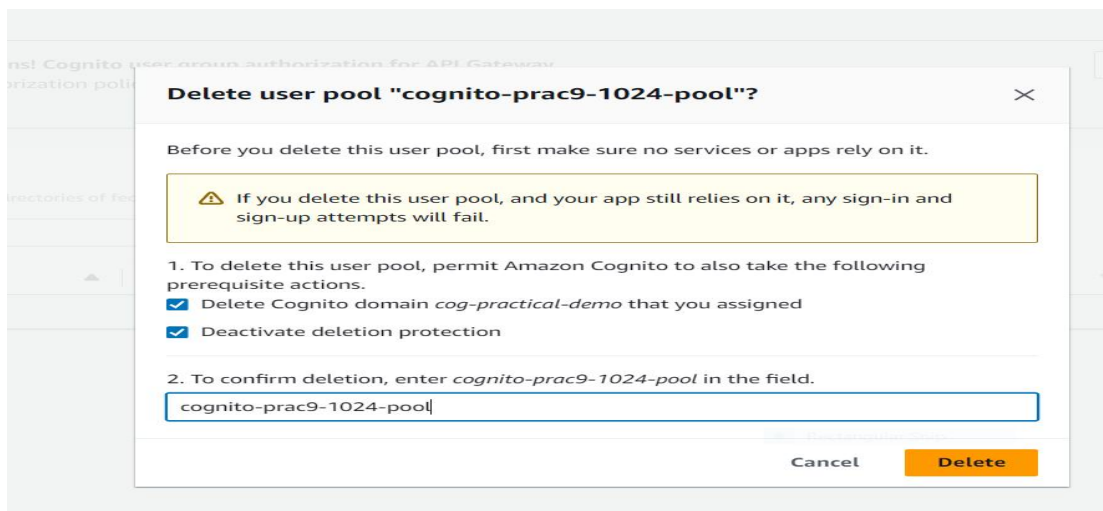Once you are signed in check in user pool

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Title of Practicle :   Creating a User Pool in AWS Cognito

Done . we successfully added two user to userpool

(Now delete the pool and it will ask to delete cognito domain

Check both the box and proceed to delete the pool.)

Done.