

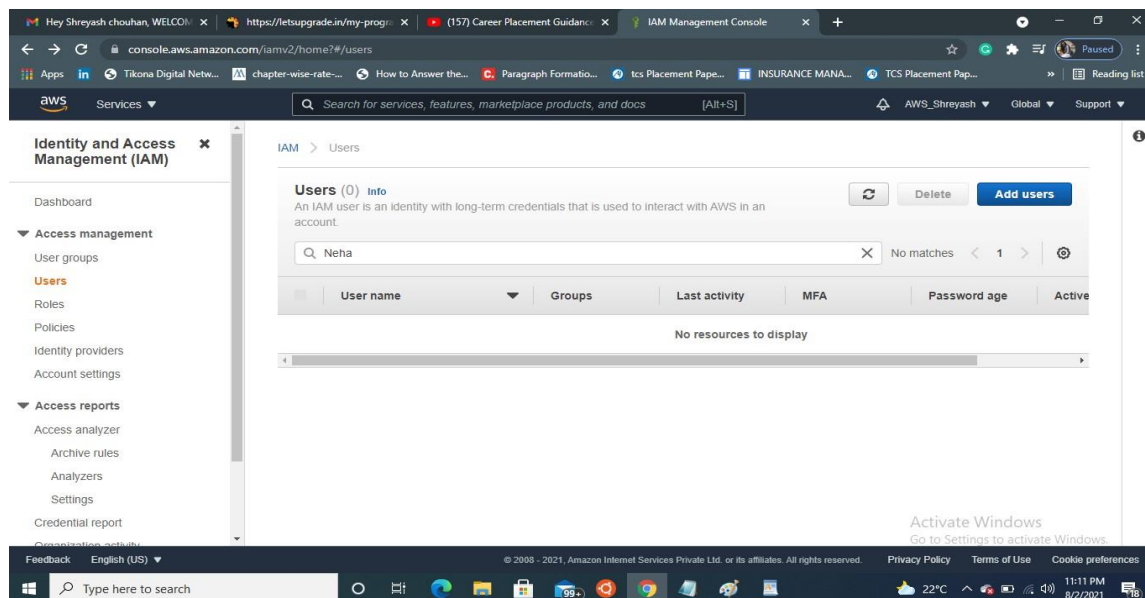
Assignment 1

Task 1:

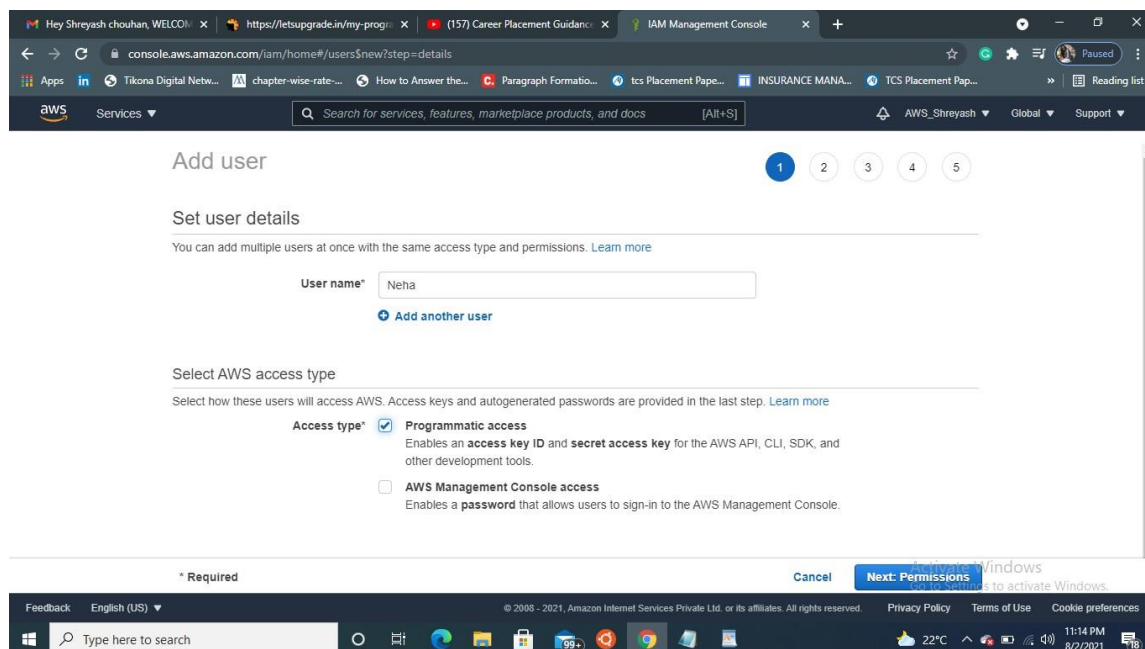
Creating 3 users

1st user

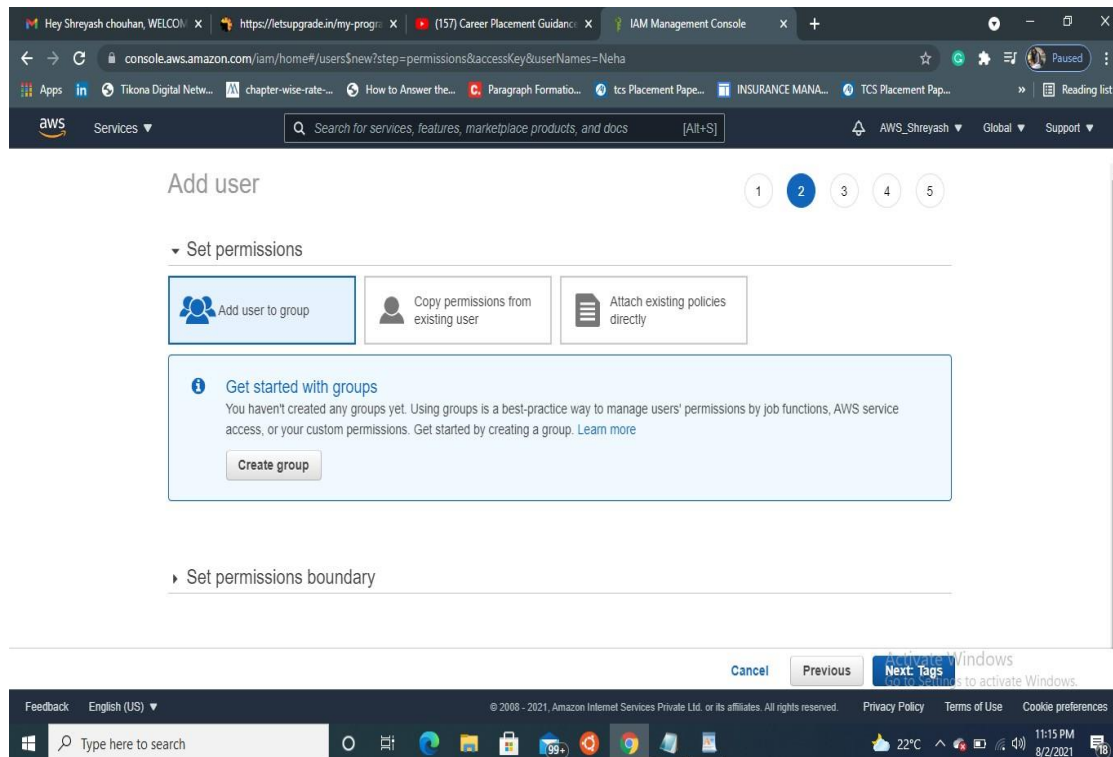
Step 1



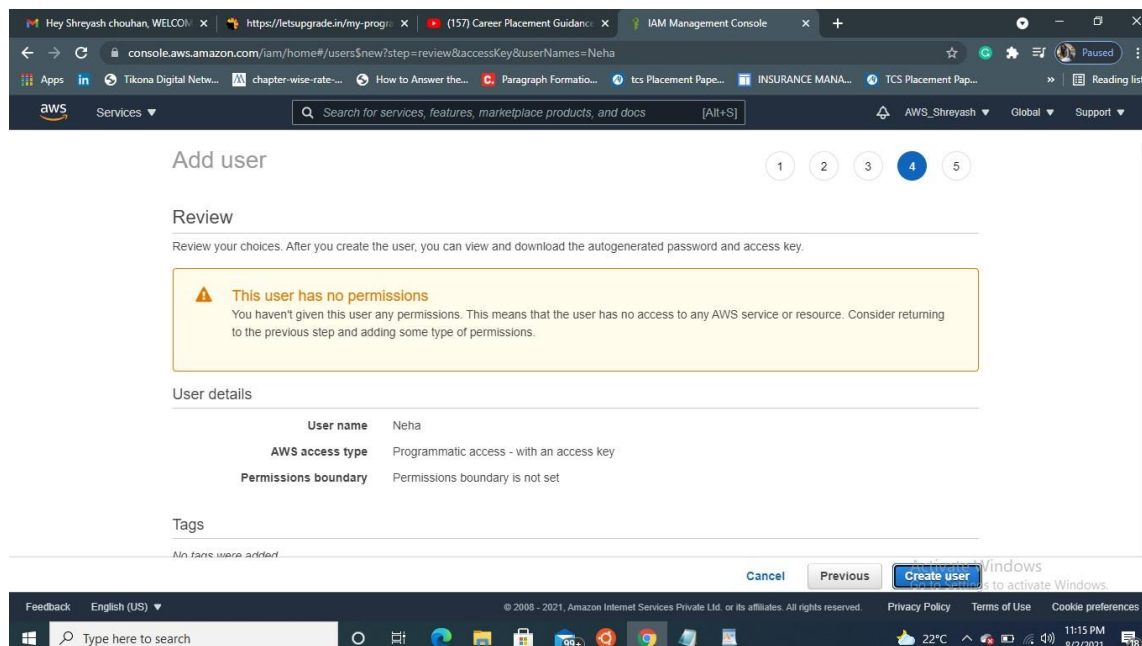
step 2



step 3



Step 4



Step 5: User is created.

The screenshot shows the AWS IAM Management Console 'Add user' page. A green success message states: 'Success. You successfully created the users shown below. You can view and download user security credentials. You can also email users instructions for signing in to the AWS Management Console. This is the last time these credentials will be available to download. However, you can create new credentials at any time. Users with AWS Management Console access can sign-in at: <https://861573803577.signin.aws.amazon.com/console>'. Below the message is a 'Download .csv' button and a table of created users.

	User	Access key ID	Secret access key
▶	✓ Neha	AKIA42QPEWY4QT22XM6S	***** Show

The Windows taskbar at the bottom shows the time as 11:16 PM on 8/2/2021.

Procedure for the 2nd user

The screenshot shows the AWS IAM Management Console 'Users' page. A green success message states: 'The user Neha have been created.' The left sidebar shows the 'Access management' section with 'Users' selected. The main content area shows 'Users (1) Info' with a search bar containing 'Harsh' and a table of created users.

User name	Groups	Last activity	MFA	Password a...	Active
No resources to display					

The Windows taskbar at the bottom shows the time as 11:17 PM on 8/2/2021.

Step 2

The screenshot shows the AWS IAM 'Add user' console. The breadcrumb trail is 'Add user' > 'Set user details'. The 'User name' field is filled with 'Harsh_21'. Below it, the 'Select AWS access type' section shows two options: 'Programmatic access' (unchecked) and 'AWS Management Console access' (checked). The 'Console password' section shows 'Autogenerated password' selected. At the bottom, there are 'Cancel' and 'Next: Permissions' buttons. A Windows watermark is visible in the bottom right corner.

Add user

Set user details

You can add multiple users at once with the same access type and permissions. [Learn more](#)

User name* Harsh_21

[Add another user](#)

Select AWS access type

Select how these users will access AWS. Access keys and autogenerated passwords are provided in the last step. [Learn more](#)

Access type*

- ☐ **Programmatic access**
Enables an **access key ID** and **secret access key** for the AWS API, CLI, SDK, and other development tools.
- ☒ **AWS Management Console access**
Enables a **password** that allows users to sign-in to the AWS Management Console.

Console password* ☒ Autogenerated password

* Required

[Cancel](#) [Next: Permissions](#)

Step 3

The screenshot shows the AWS IAM 'Add user' console at Step 3: Set permissions. The breadcrumb trail is 'Add user' > 'Set permissions'. There are three buttons: 'Add user to group', 'Copy permissions from existing user', and 'Attach existing policies directly'. The 'Attach existing policies directly' button is highlighted. Below it, a 'Create policy' button is visible. A table titled 'Filter policies' shows a search for 's3' with 6 results. The table lists policies: 'AmazonDMSRedshiftS3Role', 'AmazonS3FullAccess', 'AmazonS3OutpostsFullAccess', 'AmazonS3OutpostsReadOnlyAccess', and 'AmazonS3ReadOnlyAccess'. The 'AmazonS3FullAccess' and 'AmazonS3OutpostsFullAccess' policies are selected. At the bottom, there are 'Cancel', 'Previous', and 'Next: Tags' buttons. A Windows watermark is visible in the bottom right corner.

Add user

Set permissions

[Add user to group](#) [Copy permissions from existing user](#) [Attach existing policies directly](#)

[Create policy](#)

Filter policies Showing 6 results

	Policy name	Type	Used as
<input type="checkbox"/>	AmazonDMSRedshiftS3Role	AWS managed	None
<input checked="" type="checkbox"/>	AmazonS3FullAccess	AWS managed	None
<input checked="" type="checkbox"/>	AmazonS3OutpostsFullAccess	AWS managed	None
<input type="checkbox"/>	AmazonS3OutpostsReadOnlyAccess	AWS managed	None
<input type="checkbox"/>	AmazonS3ReadOnlyAccess	AWS managed	None

[Cancel](#) [Previous](#) [Next: Tags](#)

Step 4

The screenshot shows the 'Review' step in the AWS IAM console. The page title is 'Review'. Below the title, it says 'Review your choices. After you create the user, you can view and download the autogenerated password and access key.' The 'User details' section shows the following information:

User name	Harsh_21
AWS access type	AWS Management Console access - with a password
Console password type	Autogenerated
Require password reset	Yes
Permissions boundary	Permissions boundary is not set

The 'Permissions summary' section states: 'The following policies will be attached to the user shown above.'

Type	Name
Managed policy	AmazonS3FullAccess
Managed policy	AmazonS3OutpostsFullAccess
Managed policy	IAMUserChangePassword

At the bottom right, there are three buttons: 'Cancel', 'Previous', and 'Create user'. The 'Create user' button is highlighted with a red box.

Step 5 : another user is created.

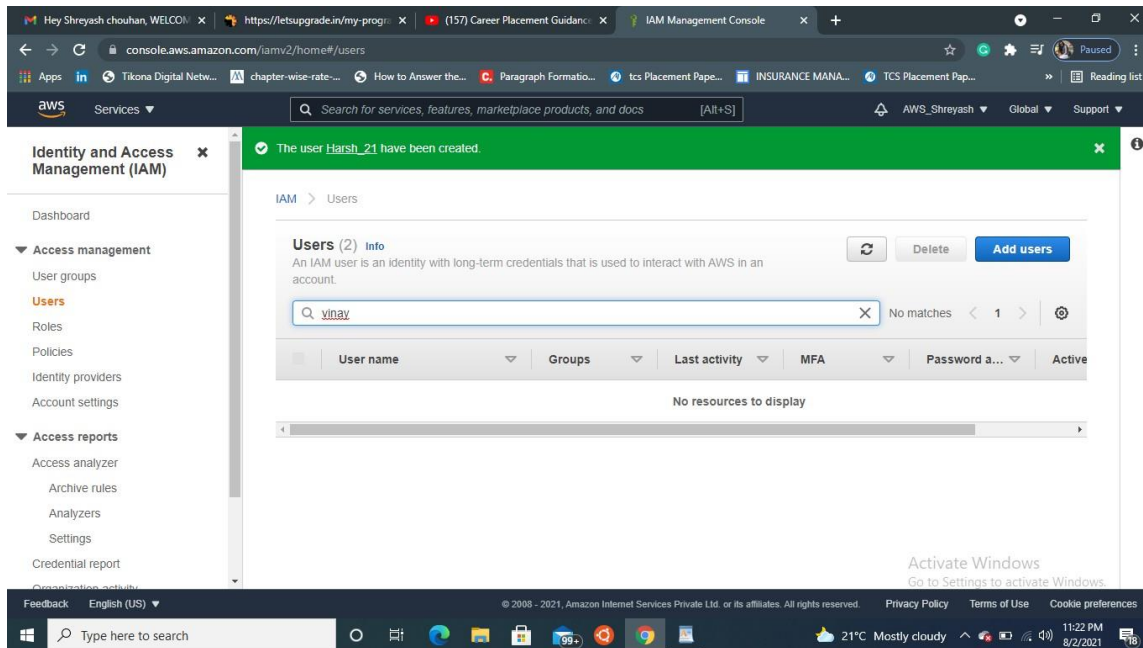
The screenshot shows the 'Add user' page in the AWS IAM console. The page title is 'Add user'. At the top right, there are five numbered tabs (1-5), with tab 5 being the active one. A green success message box is displayed, stating: 'Success. You successfully created the users shown below. You can view and download user security credentials. You can also email users instructions for signing in to the AWS Management Console. This is the last time these credentials will be available to download. However, you can create new credentials at any time. Users with AWS Management Console access can sign-in at: <https://881573803577.signin.aws.amazon.com/console>'.

Below the success message, there is a 'Download .csv' button. Below that, there is a table with the following columns: 'User', 'Password', and 'Email login instructions'.

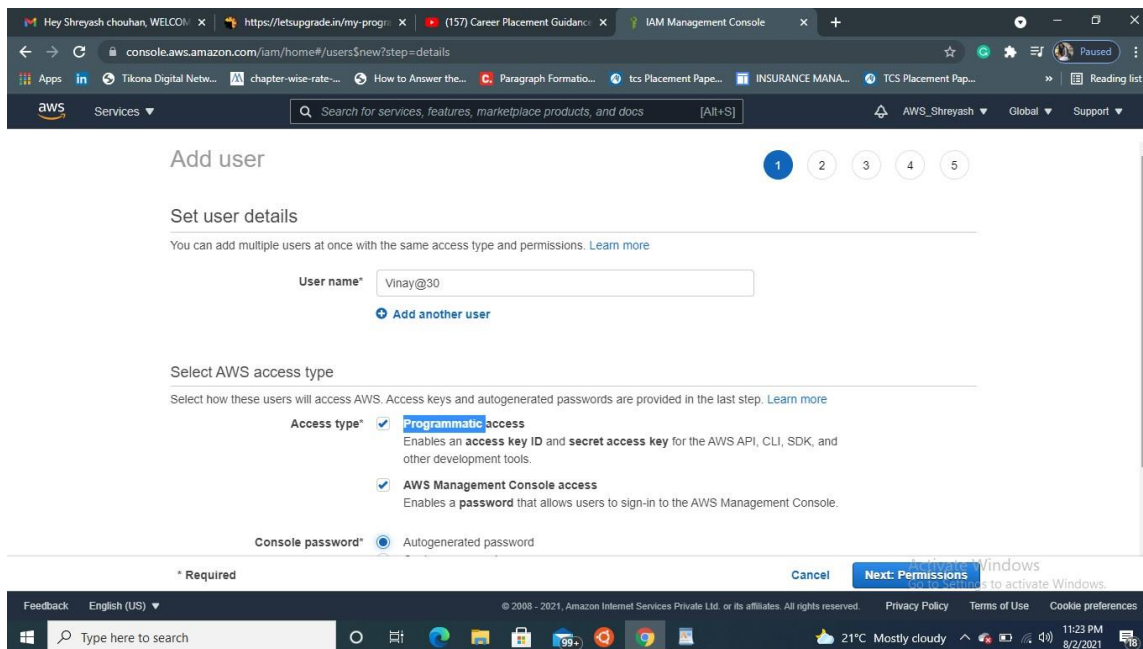
User	Password	Email login instructions
Harsh_21	***** Show	Send email

Now the 3rd & last user

step 1



step 2



step 3

The screenshot shows the 'Add user' wizard in the AWS IAM Management Console, specifically the 'Set permissions' step. The user 'Vinay@30' is being created. The 'Attach existing policies directly' option is selected. A table lists six policies, with three selected: AmazonDMSRedshiftS3Role, AmazonS3FullAccess, and AmazonS3OutpostsFullAccess.

Add user

1 2 3 4 5

Set permissions

Add user to group Copy permissions from existing user Attach existing policies directly

Create policy

Filter policies s3 Showing 6 results

	Policy name	Type	Used as
<input checked="" type="checkbox"/>	AmazonDMSRedshiftS3Role	AWS managed	None
<input checked="" type="checkbox"/>	AmazonS3FullAccess	AWS managed	Permissions policy (1)
<input checked="" type="checkbox"/>	AmazonS3OutpostsFullAccess	AWS managed	Permissions policy (1)
<input type="checkbox"/>	AmazonS3OutpostsReadOnlyAccess	AWS managed	None
<input type="checkbox"/>	AmazonS3ReadOnlyAccess	AWS managed	None

Cancel Previous Next: Tags

step 4

The screenshot shows the 'Review' step of the 'Add user' wizard. It displays the user details and the permissions summary. The user 'Vinay@30' has programmatic access and AWS Management Console access. The permissions summary lists three managed policies: AmazonS3FullAccess, AmazonDMSRedshiftS3Role, and AmazonS3OutpostsFullAccess.

Review

Review your choices. After you create the user, you can view and download the autogenerated password and access key.

User details

User name	Vinay@30
AWS access type	Programmatic access and AWS Management Console access
Console password type	Autogenerated
Require password reset	Yes
Permissions boundary	Permissions boundary is not set

Permissions summary

The following policies will be attached to the user shown above.

Type	Name
Managed policy	AmazonS3FullAccess
Managed policy	AmazonDMSRedshiftS3Role
Managed policy	AmazonS3OutpostsFullAccess

Cancel Previous Create user

step 5

The screenshot shows the AWS IAM Management Console 'Add user' page. A green success message states: 'You successfully created the users shown below. You can view and download user security credentials. You can also email users instructions for signing in to the AWS Management Console. This is the last time these credentials will be available to download. However, you can create new credentials at any time. Users with AWS Management Console access can sign-in at: <https://881573803577.signin.aws.amazon.com/console>'. Below the message is a 'Download .csv' button and a table of created users.

	User	Access key ID	Secret access key	Password	Email login instructions
▶	Vinay@30	AKIA42QPEWY452STRSFE	***** Show	***** Show	Send email

Here all the 3 users have been created.

Task 2

Create a Group.

The screenshot shows the AWS IAM Management Console 'Create user group' page. The 'Name the group' section has a text input field with 'Aws_Practioner' entered. Below this, the 'Add users to the group - Optional' section shows 'Selected 3/3' users. The page includes a sidebar with navigation links for Identity and Access Management (IAM), Access management, and Access reports. The bottom of the page shows the Windows taskbar with the date and time as 11:29 PM on 8/2/2021.

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console.aws.amazon.com/iamv2/home#/groups/create

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Identity and Access Management (IAM)

- Dashboard
- Access management
 - User groups
 - Users
 - Roles
 - Policies
 - Identity providers
 - Account settings
- Access reports
 - Access analyzer
 - Archive rules
 - Analizers
 - Settings
 - Credential report

Add users to the group - Optional (Selected 3/3) Info

An IAM user is an entity that you create in AWS to represent the person or application that uses it to interact with AWS. A user can belong to up to 10 groups.

Search

<input checked="" type="checkbox"/>	User name	Groups	Last activity	Creation time
<input checked="" type="checkbox"/>	Harsh_21	0	None	8 minutes ago
<input checked="" type="checkbox"/>	Neha	0	None	12 minutes ago
<input checked="" type="checkbox"/>	Vinay@30	0	None	3 minutes ago

Attach permissions policies - Optional (669) Info

You can attach up to 10 policies to this user group. All the users in this group will have permissions that are defined in the selected policies.

Filter policies by property or policy name and press enter

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console.aws.amazon.com/iamv2/home#/groups/create

Services Search for services, features, marketplace products, and docs [Alt+S] AWS_Shreyash Global Support

Identity and Access Management (IAM)

- Dashboard
- Access management
 - User groups
 - Users
 - Roles
 - Policies
 - Identity providers
 - Account settings
- Access reports
 - Access analyzer
 - Archive rules
 - Analizers
 - Settings
 - Credential report

Attach permissions policies - Optional (Selected 7/669) Info

You can attach up to 10 policies to this user group. All the users in this group will have permissions that are defined in the selected policies.

Filter policies by property or policy name and press enter

<input type="checkbox"/>	Policy Name	Type	Description
<input type="checkbox"/>	AWSDirectConnectReadOnlyAccess	AWS managed	Provides read only a
<input type="checkbox"/>	AmazonGlacierReadOnlyAccess	AWS managed	Provides read only a
<input checked="" type="checkbox"/>	AWSMarketplaceFullAccess	AWS managed	Provides the ability to
<input checked="" type="checkbox"/>	AWSSSODirectoryAdministrator	AWS managed	Administrator access
<input type="checkbox"/>	AWSIoT1ClickReadOnlyAccess	AWS managed	Provides read only a
<input checked="" type="checkbox"/>	AutoScalingConsoleReadOnlyAccess	AWS managed	Provides read-only a
<input checked="" type="checkbox"/>	AmazonDMSRedshiftS3Role	AWS managed	Provides access to r
<input checked="" type="checkbox"/>	AWSQuickSightListIAM	AWS managed	Allows QuickSight to li

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Here the group is created.

Identity and Access Management (IAM)

Dashboard

Access management

User groups

Users

Roles

Policies

Identity providers

Account settings

Access reports

Access analyzer

Archive rules

Analyzers

Settings

Credential report

Feedback English (US)

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Identity and Access Management (IAM)

Dashboard

Access management

User groups

Users

Roles

Policies

Identity providers

Account settings

Access reports

Access analyzer

Archive rules

Analyzers

Settings

Credential report

Feedback English (US)

Type here to search

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Task 3

Set user permissions.

The screenshot shows the AWS IAM console interface. The left sidebar contains the 'Identity and Access Management (IAM)' menu with options like Dashboard, Access management, Users, Roles, Policies, Identity providers, Account settings, Access reports, Access analyzer, Archive rules, Analyzers, Settings, and Credential report. The main content area is titled 'Permissions' and shows 'Permissions policies (10 policies applied)'. It includes a table with columns 'Policy name' and 'Policy type'. The table lists policies attached directly and from a group. The bottom of the screen shows a Windows taskbar with various application icons and system information.

Policy name	Policy type
Attached directly	
AmazonS3FullAccess	AWS managed policy
IAMUserChangePassword	AWS managed policy
AmazonS3OutpostsFullAccess	AWS managed policy
Attached from group	
AWSMarketplaceFullAccess	AWS managed policy from group Aws_Practitioner
AWSSSODirectoryAdministrator	AWS managed policy from group Aws_Practitioner
AutoScalingConsoleReadOnlyAccess	AWS managed policy from group Aws_Practitioner
AmazonDMSRedshiftS3Role	AWS managed policy from group Aws_Practitioner

Task 4

Set a unique group permission.

The screenshot shows the AWS IAM console interface for a specific group. The left sidebar is the same as in Task 3. The main content area is titled 'Permissions' and shows 'Permissions policies (7)'. It includes a table with columns 'Policy Name' and 'Type'. The table lists policies attached to the group. The bottom of the screen shows a Windows taskbar with various application icons and system information.

Policy Name	Type
Permissions policies (7)	
AmazonS3FullAccess	AWS managed policy
IAMUserChangePassword	AWS managed policy
AmazonS3OutpostsFullAccess	AWS managed policy
AWSMarketplaceFullAccess	AWS managed policy from group Aws_Practitioner
AWSSSODirectoryAdministrator	AWS managed policy from group Aws_Practitioner
AutoScalingConsoleReadOnlyAccess	AWS managed policy from group Aws_Practitioner
AmazonDMSRedshiftS3Role	AWS managed policy from group Aws_Practitioner

Below are the given permissions to the group `Aws_practitioner`.

The screenshot shows the AWS IAM console interface. The left sidebar contains navigation links for Identity and Access Management (IAM), including Dashboard, Access management, User groups, Users, Roles, Policies, Identity providers, Account settings, Access reports, Access analyzer, Archive rules, Analyzers, Settings, Credential report, and Organization activity. The main content area is titled 'Permissions policies (Selected 4/7)' and includes a search bar and a table of policies. The table lists the following policies:

Policy Name	Type	Description
<input checked="" type="checkbox"/> AWSMarketplaceFullAccess	AWS managed	Provides the ability to subscribe to AWS Marketplace products.
<input checked="" type="checkbox"/> AWSSSODirectoryAdministrator	AWS managed	Administrator access for SSO.
<input type="checkbox"/> AutoScalingConsoleReadOnlyAccess	AWS managed	Provides read-only access to the Amazon Auto Scaling console.
<input checked="" type="checkbox"/> AmazonDMSRedshiftS3Role	AWS managed	Provides access to manage Amazon DMS and Amazon Redshift.
<input type="checkbox"/> AWSQuickSightListIAM	AWS managed	Allow QuickSight to list IAM users and groups.
<input checked="" type="checkbox"/> AWSHealthFullAccess	AWS managed	Allows full access to the AWS Health console.
<input type="checkbox"/> AlexaForBusinessGatewayExecution	AWS managed	Provide gateway execution.

Task 5

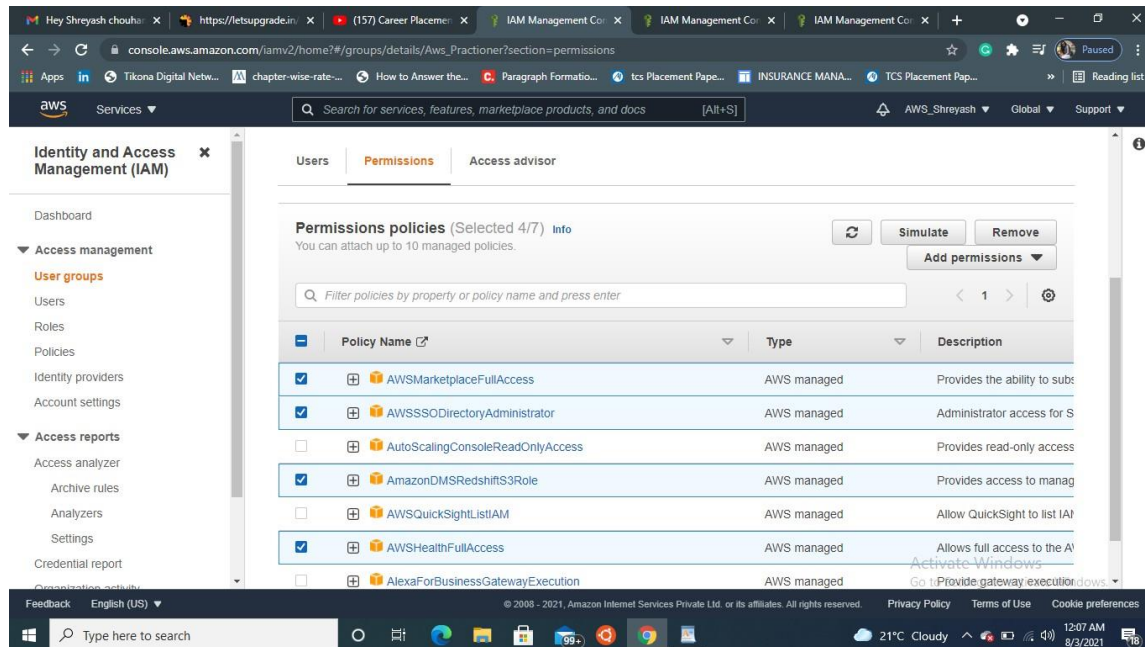
Login as IAM user.

The screenshot shows the AWS 'Sign in as IAM user' page. The page includes the AWS logo and a message: 'Your authentication information is incorrect. Please try again.' The sign-in form contains the following fields:

- Account ID (12 digits) or account alias: 881573803577
- IAM user name: Harsh_21
- Password: [masked]

Below the form is a 'Sign in' button. There are also links for 'Sign in using root user email' and 'Forgot password?'. On the right side of the page, there is a promotional banner for 'AWS re:Invent' with the text 'Come build with us' and a 'Register now' button.

Step 2: Here I have signed in as a IAM user as a Harsh_21.



Task 6

Showing the user and group permission are applied or not.

Since I didn't give the IAM permission to this user i.e.. Harsh_21 that's why it is showing the below message

