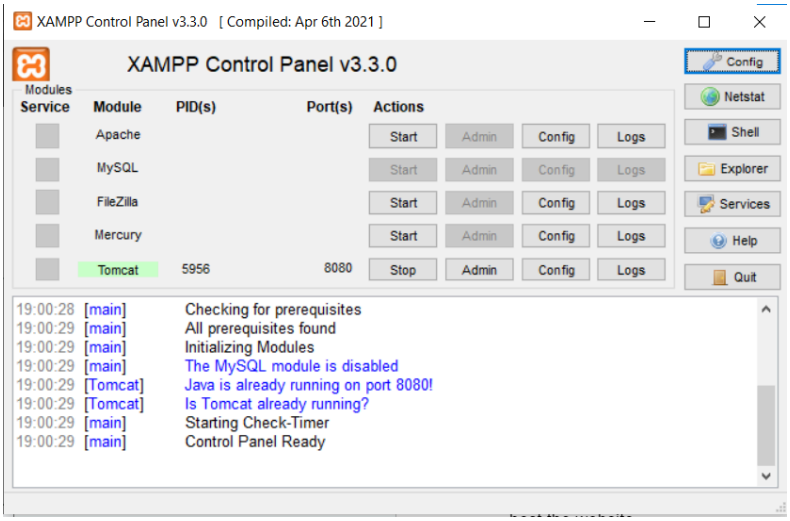
Name: Veydant Sharma Class: D15C Roll no.: 50

Experiment 1A

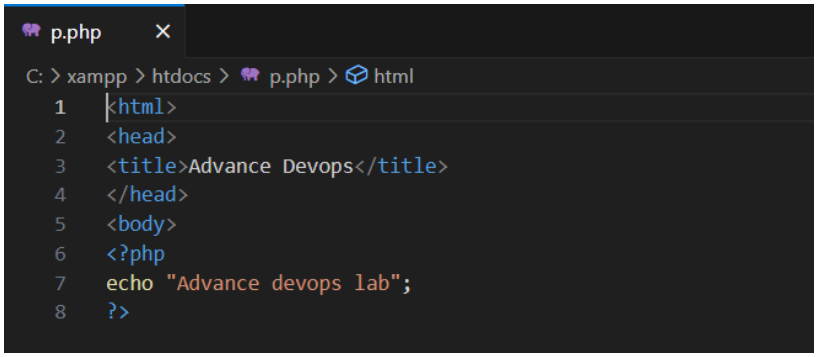
Part 1: To develop a website and host it on Xampp:

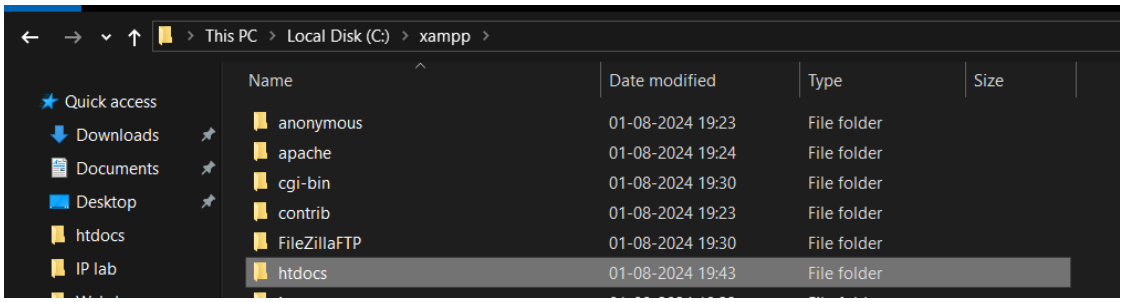
Step 1: Go to the official website of Xampp. https://www.apachefriends.org/download.html. Select the suitable version and complete the installation.

Step 2: After installation open the Xampp control panel, we need to start the Apache server to host the website.



Step 3: Setup a php project, create a php project and save it as .php file. The file should be saved in ‘htdocs’ folder present in the ‘Xampp’ folder created after installation.





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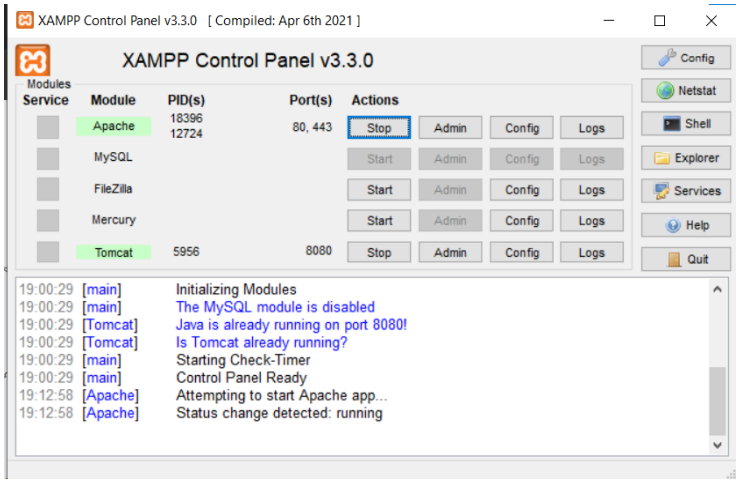
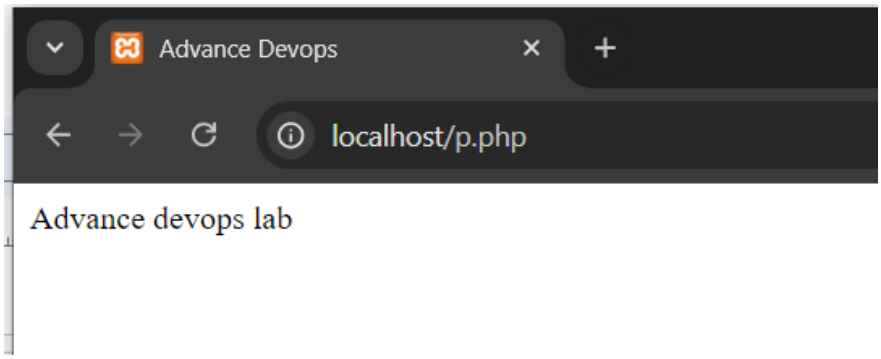
Step 4: Start the Xampp server and go to localhost in browser. Edit the URL such that it is localhost/filename.php or localhost/folder_name .





Our website has now been hosted using xampp

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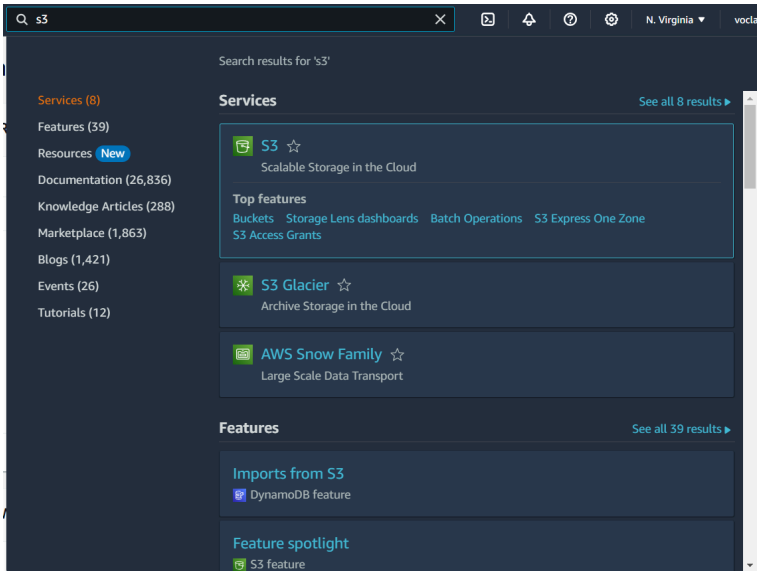
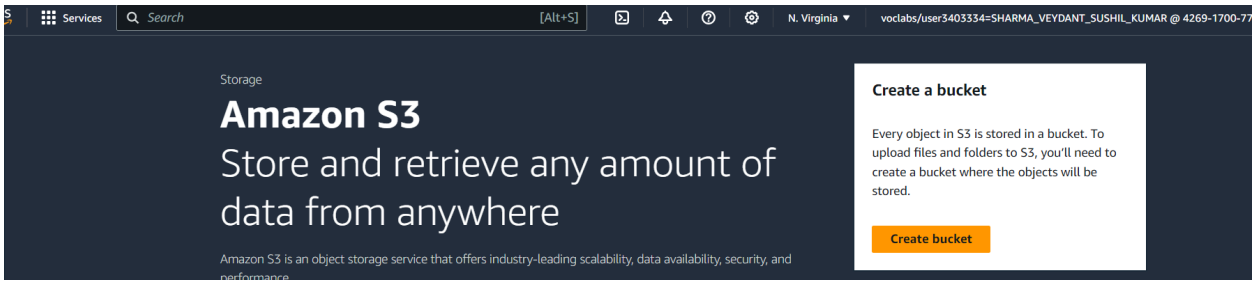
Part 2: Hosting a static website on AWS S3.

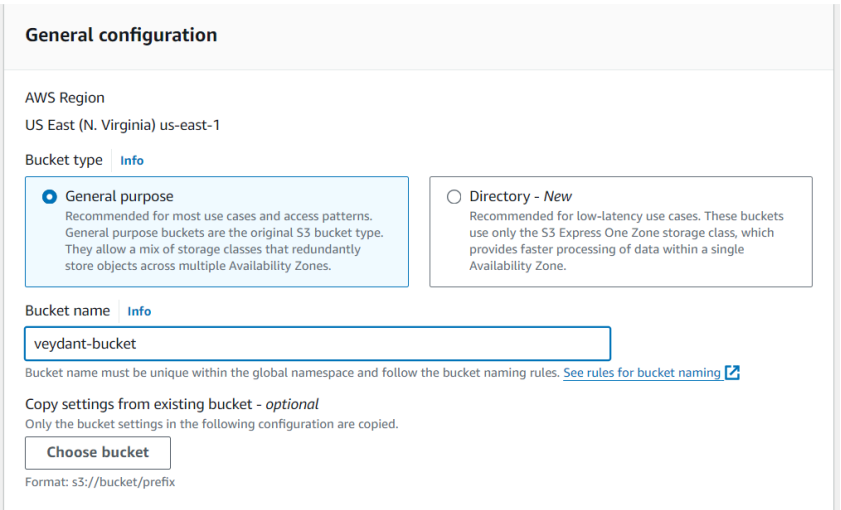
Step1: Login to AWS Academy and launch learner's lab.

Step 2: Search for the S3 service and Create a bucket.

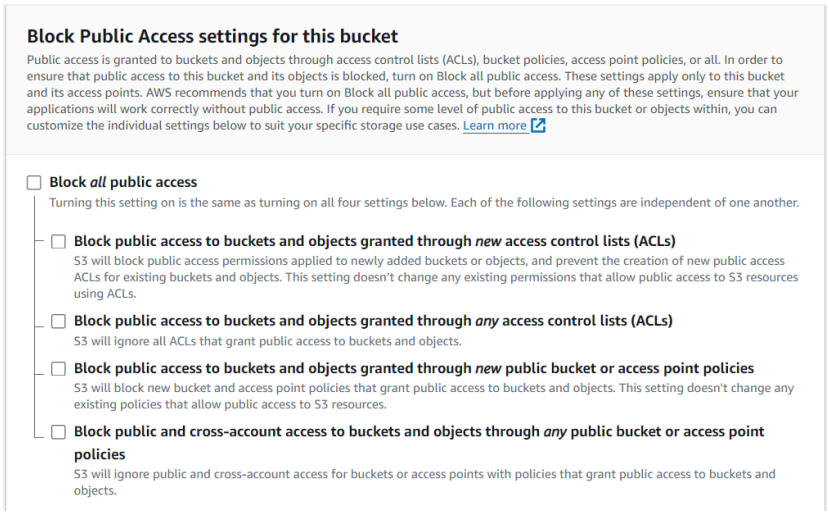




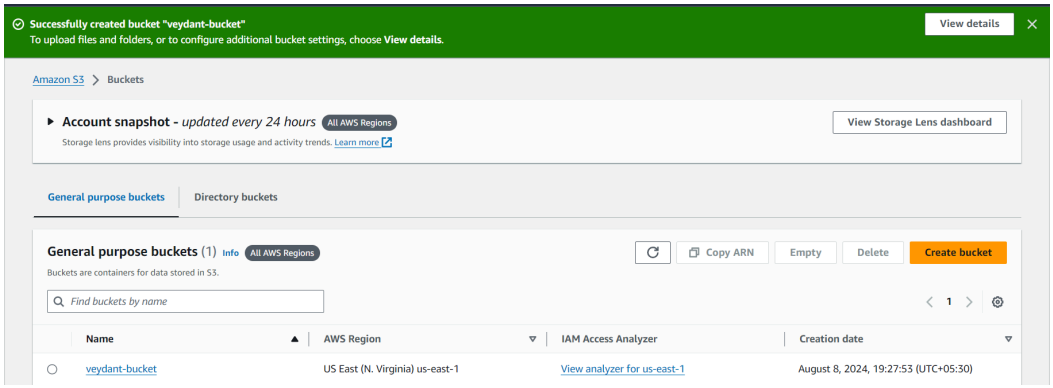
Step 3: Fill in the details and name your bucket. Use default settings. Uncheck the "Block all public access" box to prevent error.



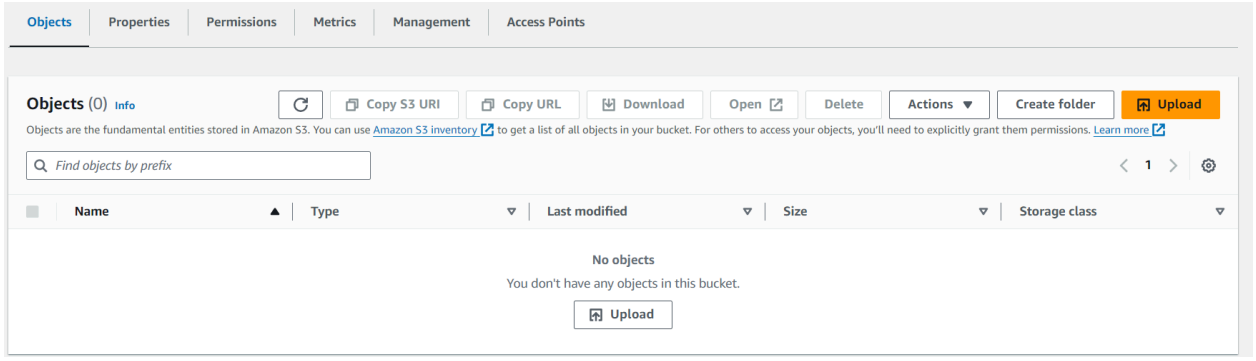
Name: Veydant Sharma Class: D15C Roll no.: 50

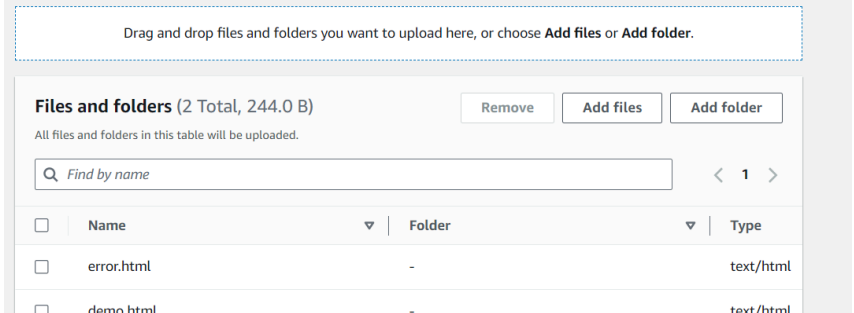


Once completed, Click ‘Create Bucket’.



Step 4: Open the bucket and click on upload in the objects tab.





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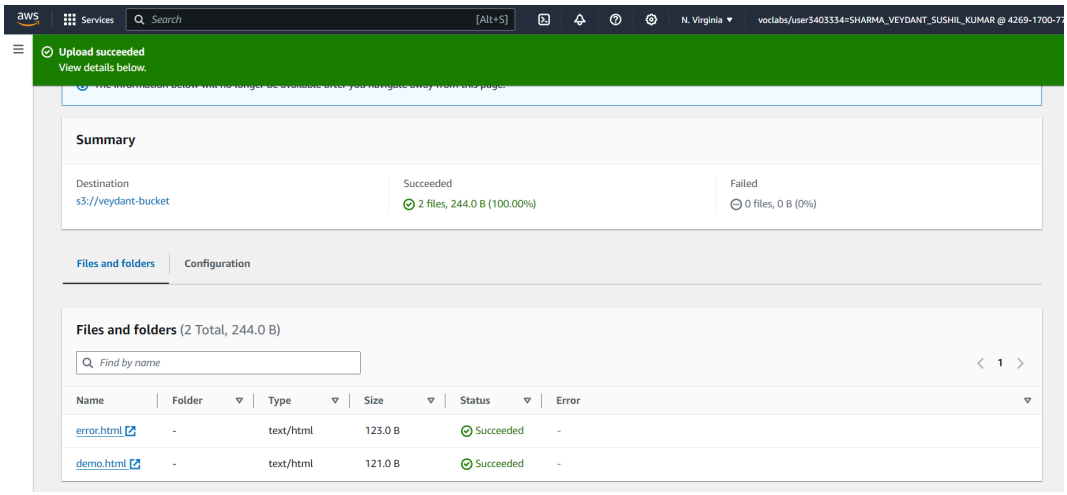
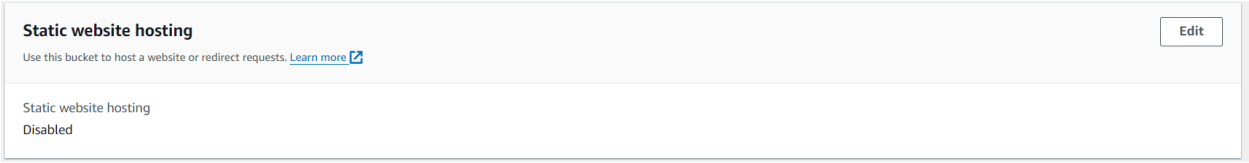
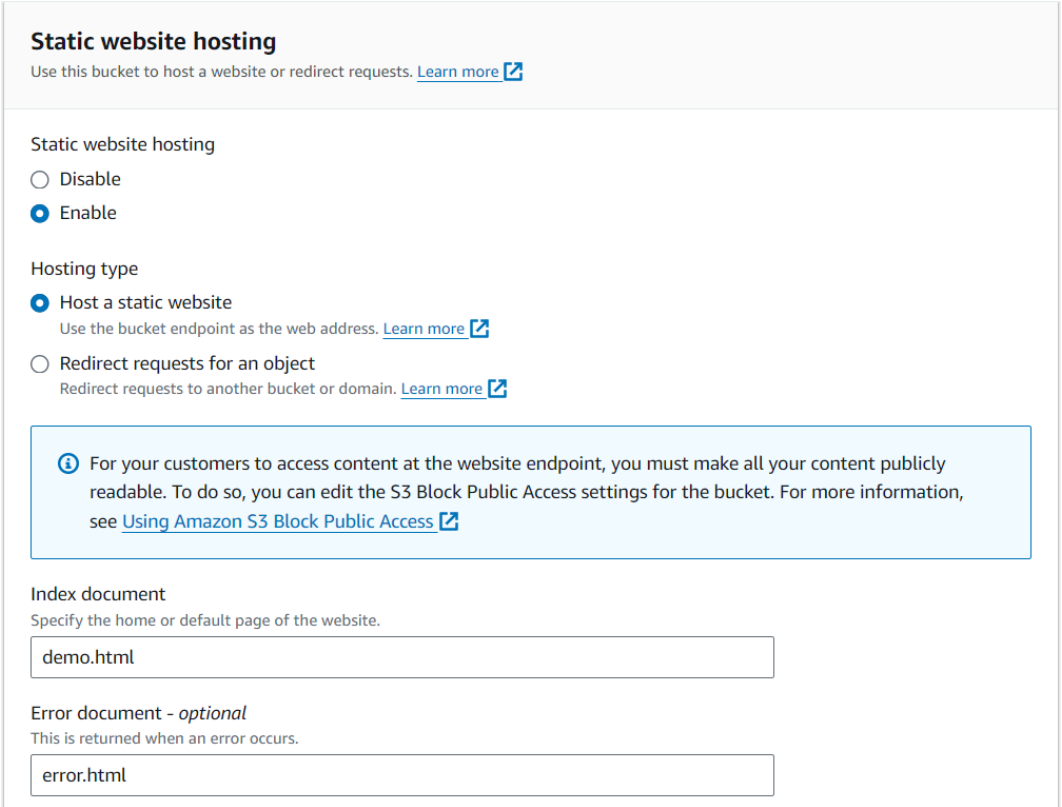
After adding the files click on upload files.



Step 5: Go to the properties tab and navigate to the “Static website hosting” section and click on edit , then click on enable.



Specify the document/filenames and click on save changes.



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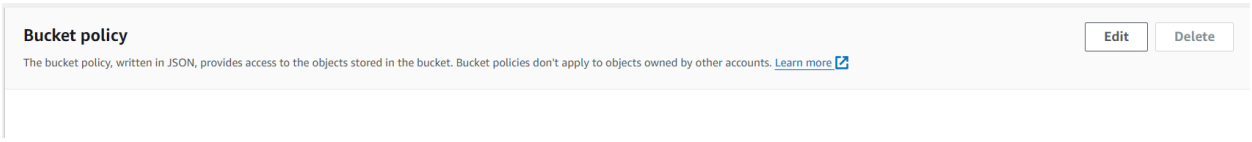
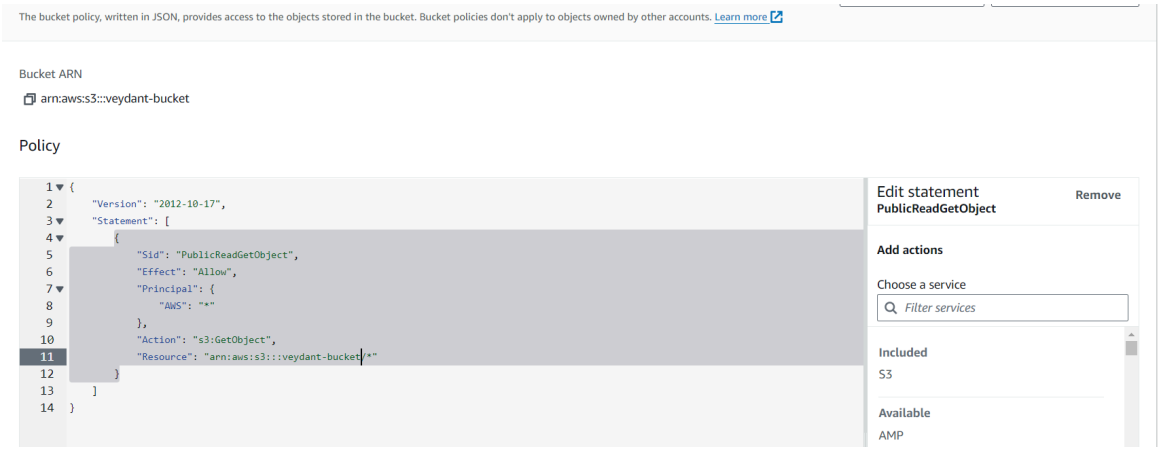
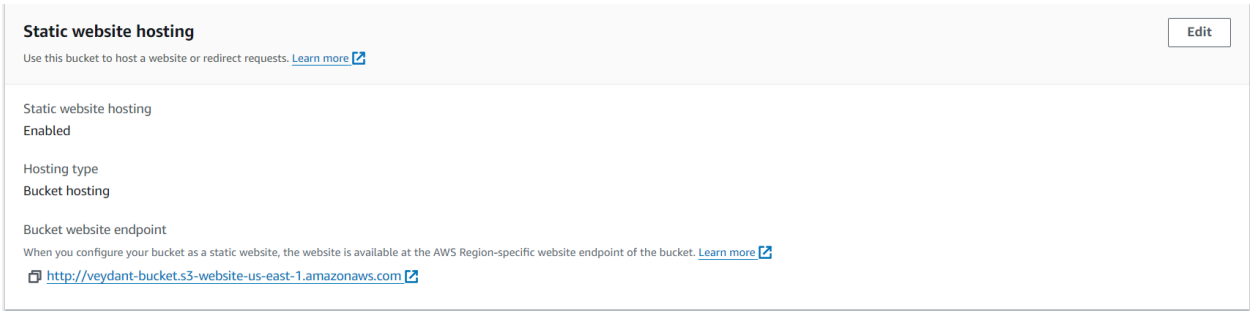
Step 6: Head to the Permissions tab and navigate to the “Bucket Policy” section and click on edit.



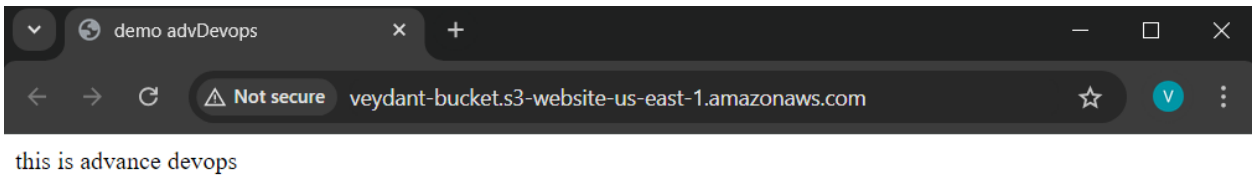
Add the bucket policy , save changes and exit.



Step 7: Once the Bucket policy has been updated , navigate back to “Static website hosting”, a link will be available, click on the link to view the hosted/deployed website.



Output:



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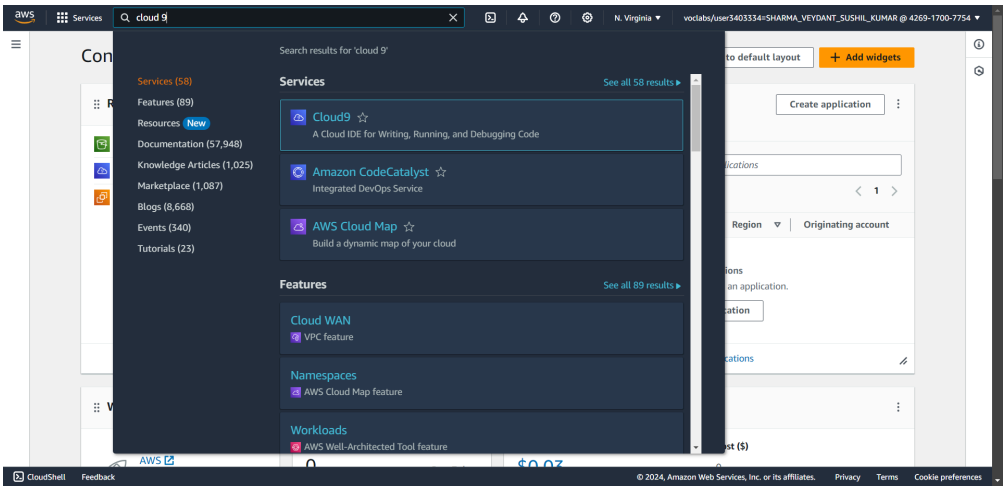
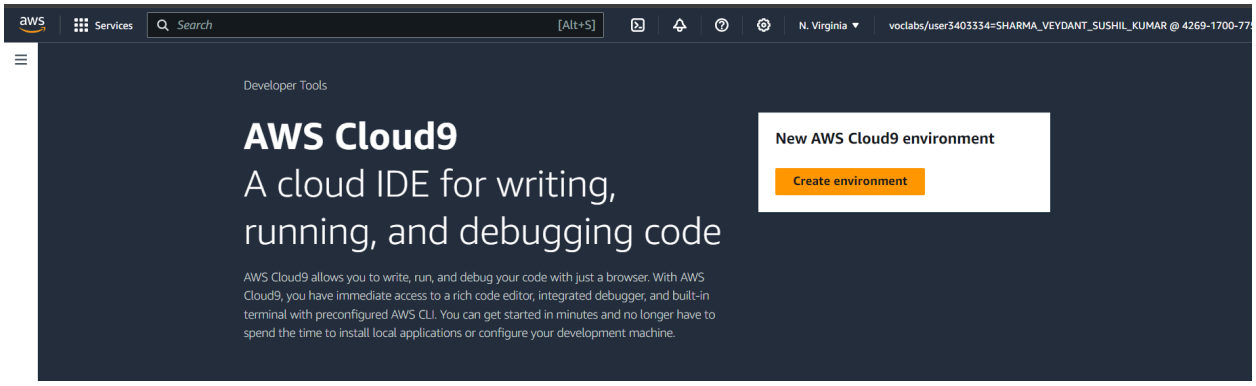
Experiment 1B

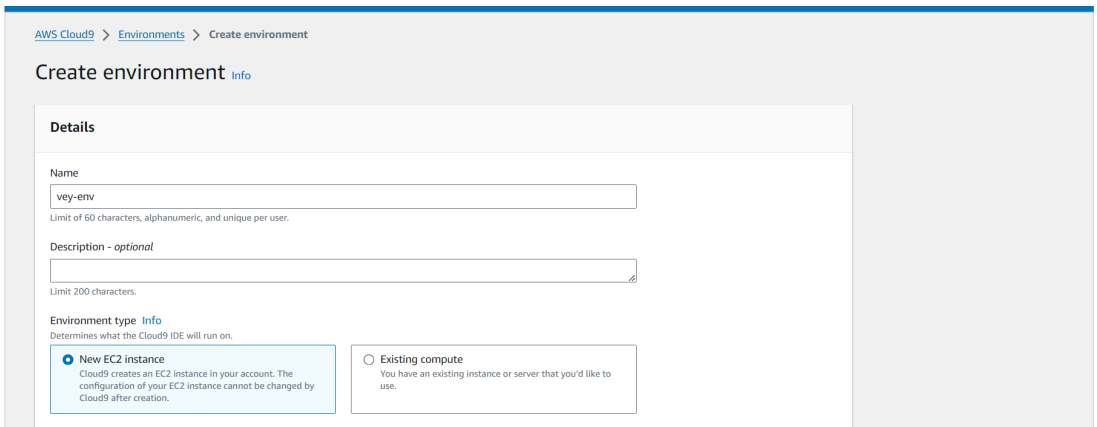
Aim: To understand the benefits of Cloud Infrastructure and Setup AWS Cloud9 IDE, Launch
AWS Cloud9 IDE and Perform Collaboration Demonstration.

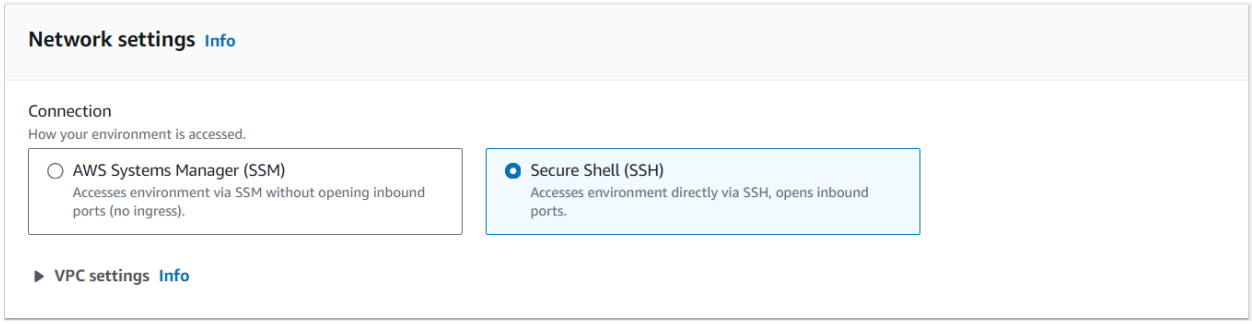
Step 1: Navigate to Cloud 9 service





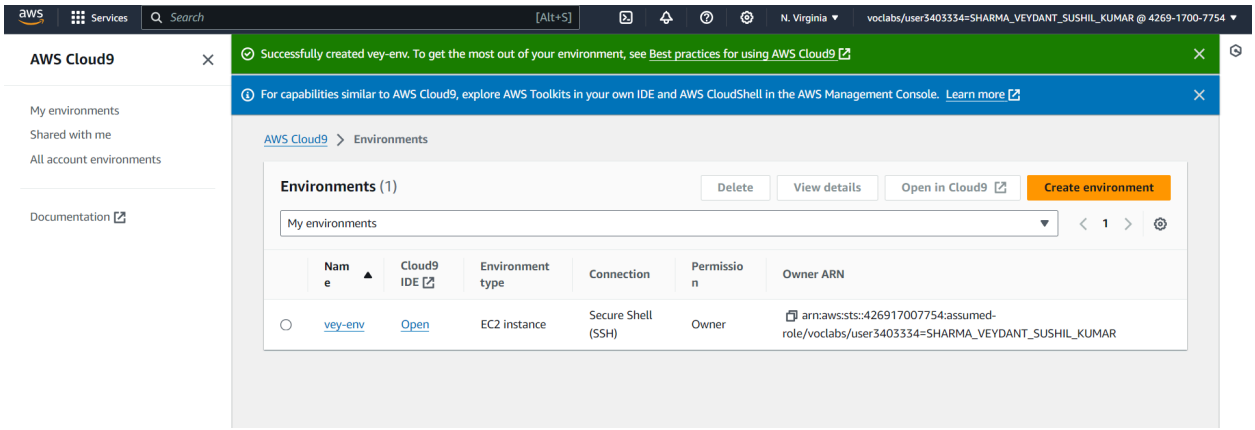
Step 2: Create Environment



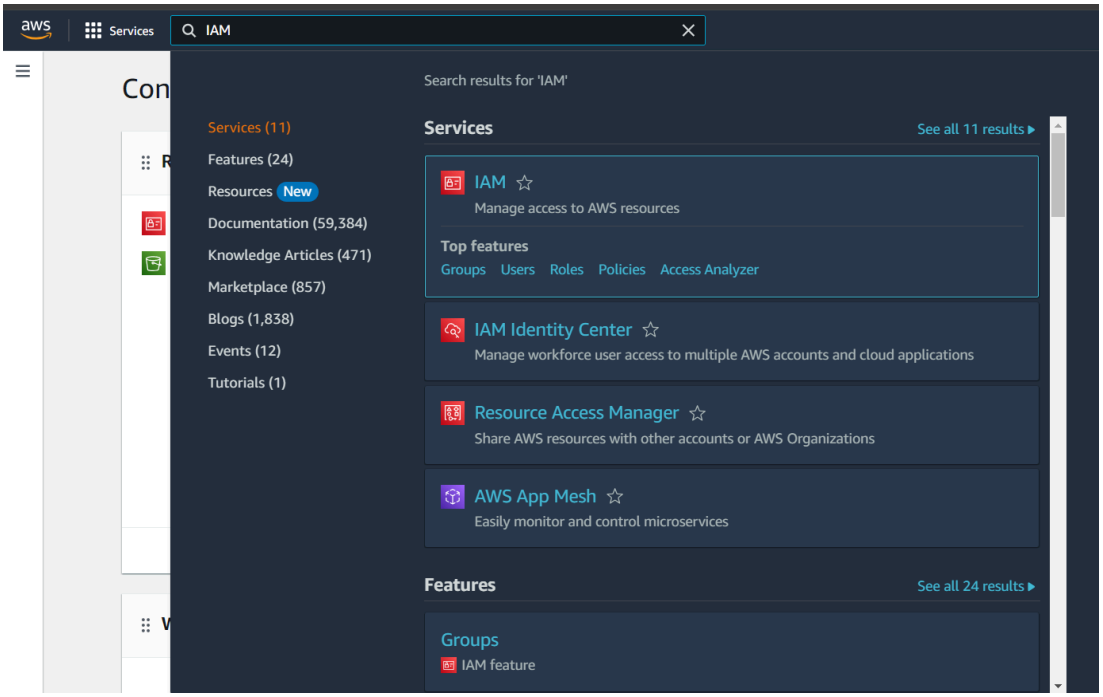


Click on “Create”

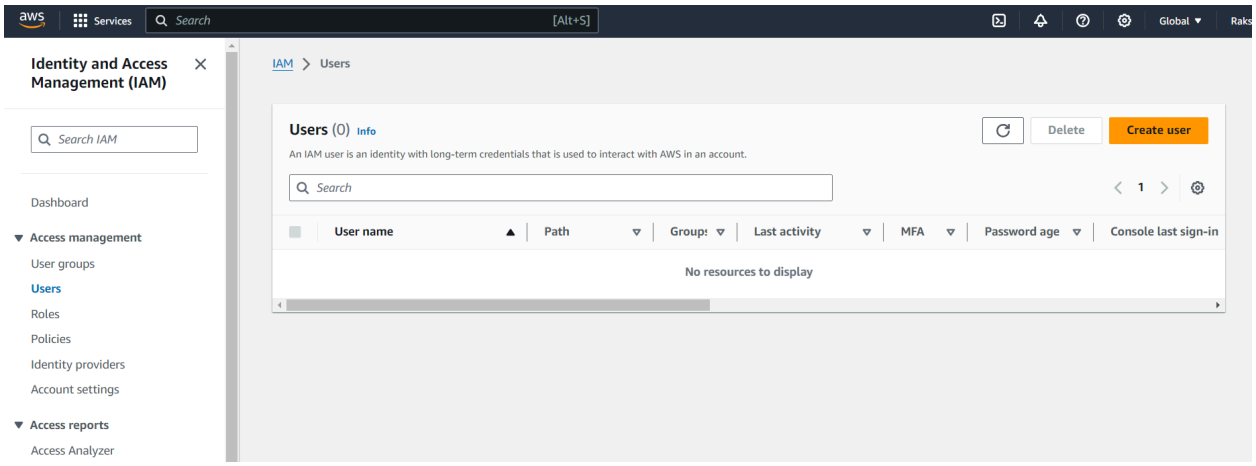
Step 3: Environment Will be created.



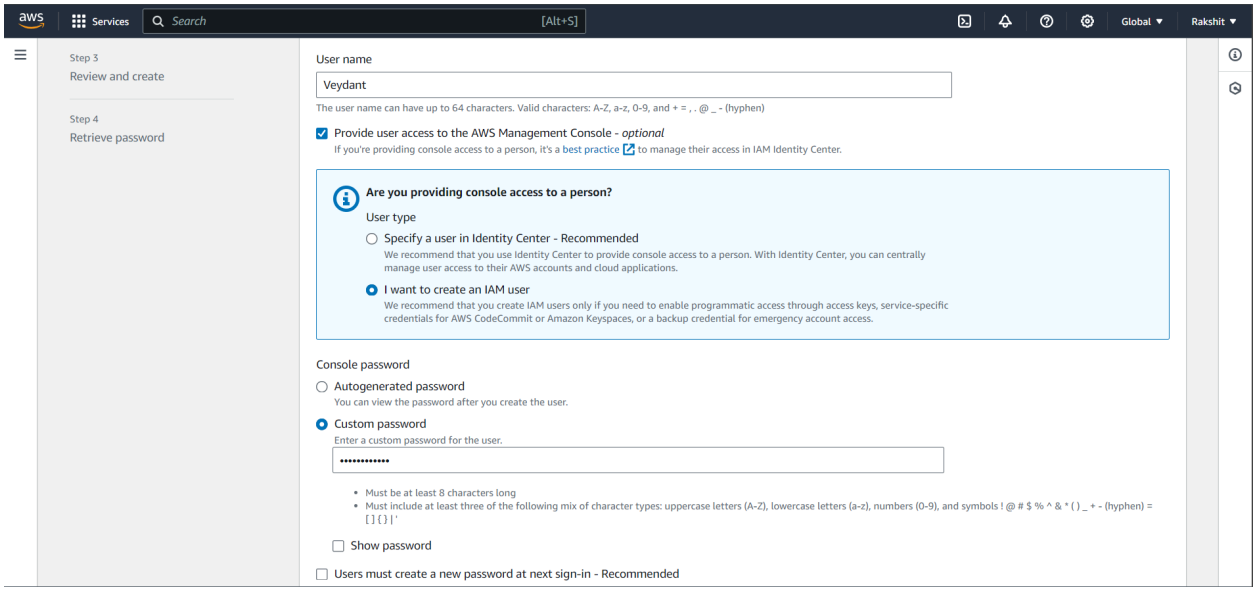
Step 4: Navigate to IAM service in AWS.

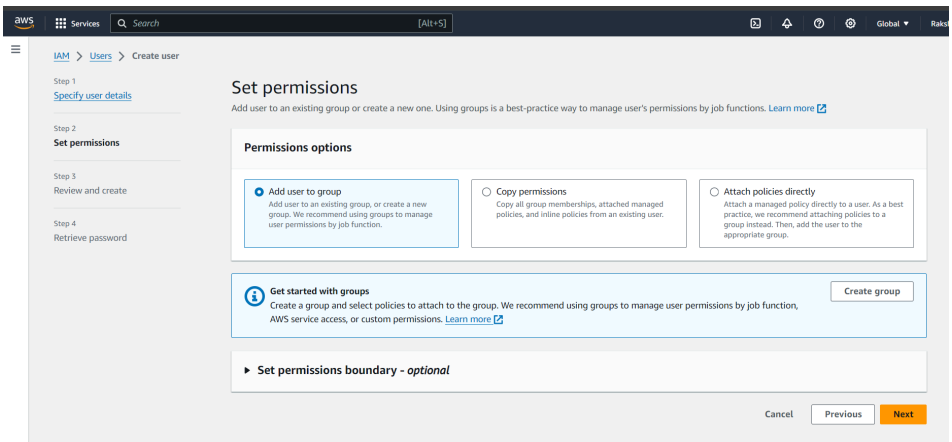


Step 5: Navigate to users tab and Create new User.



Add name, custom password. Keep the “Useers create new password at next sign in” button checked





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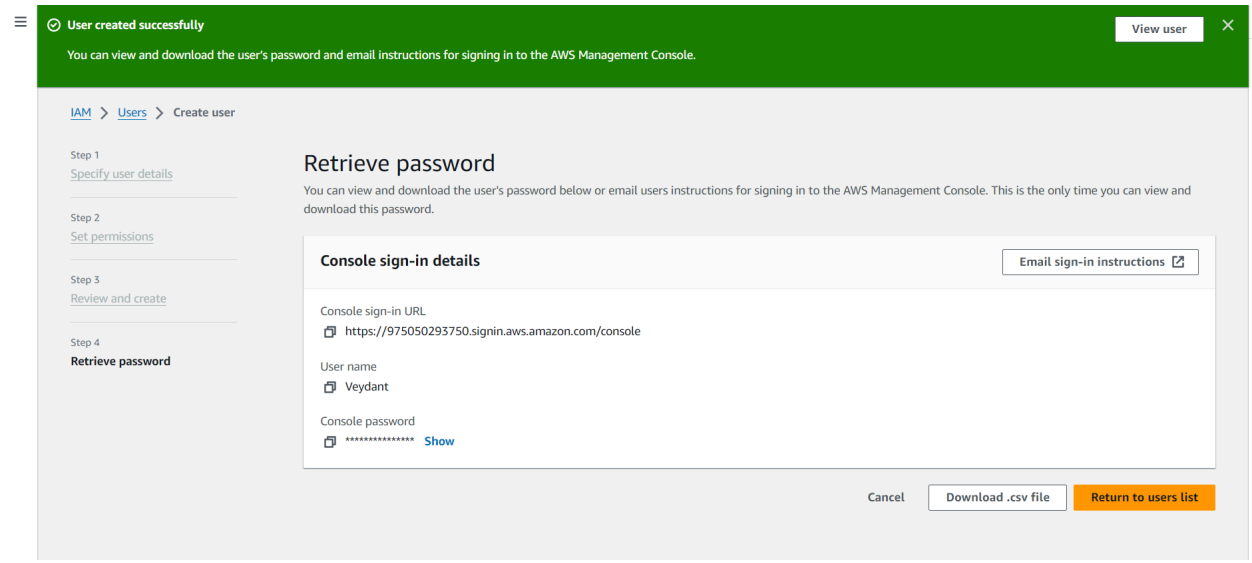
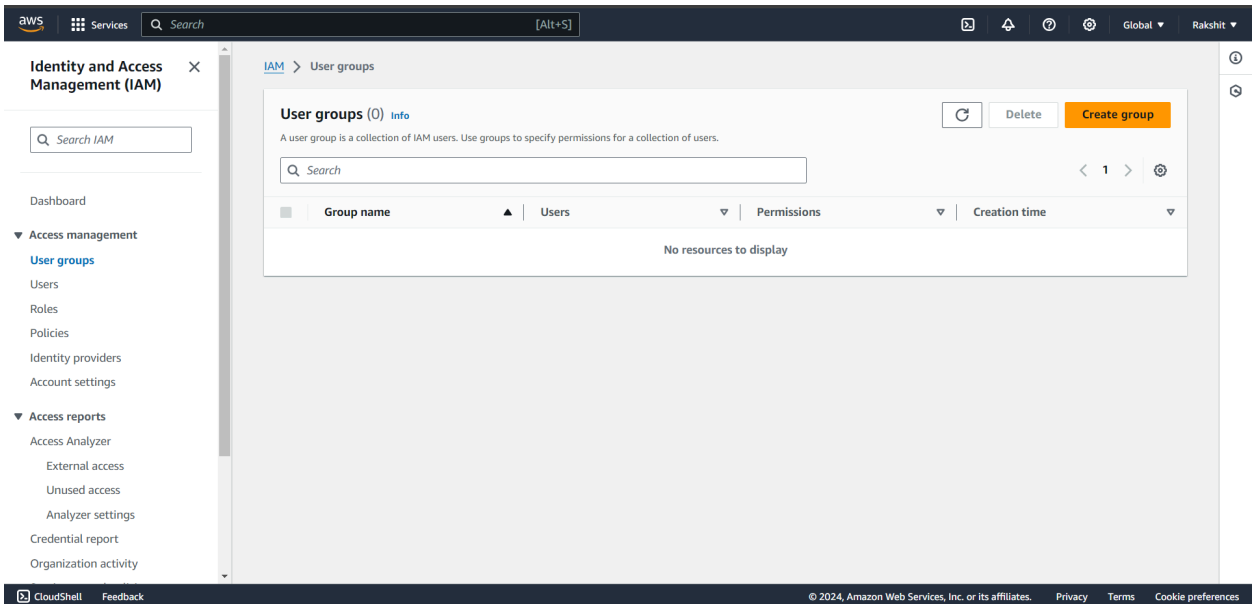
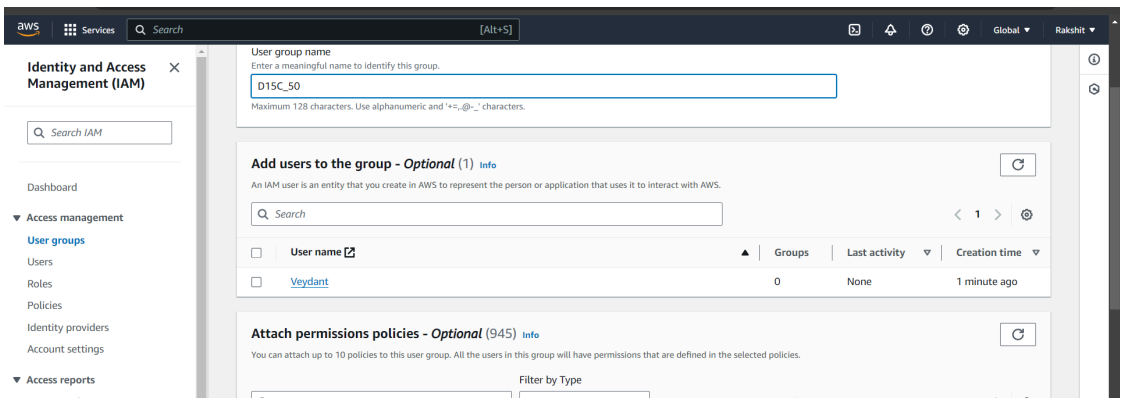
Select default settings for the rest.

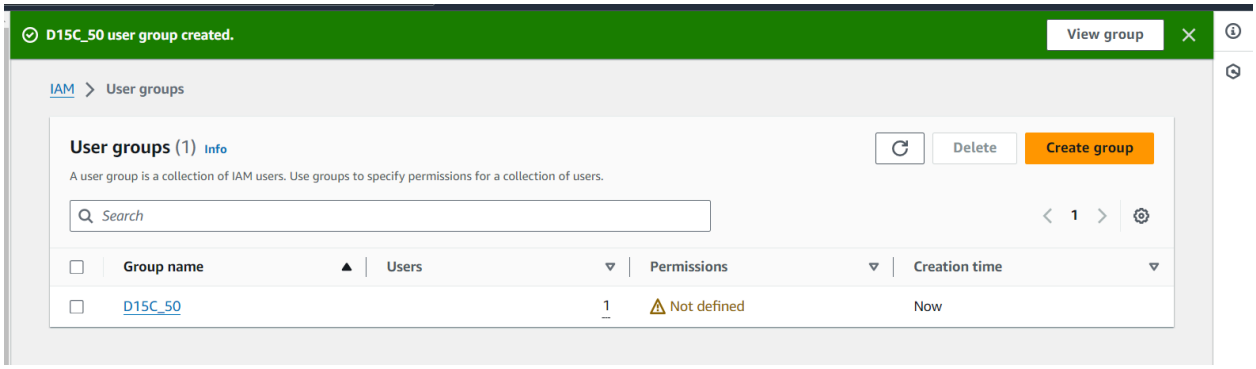


Step 6: Navigate to User groups tab.

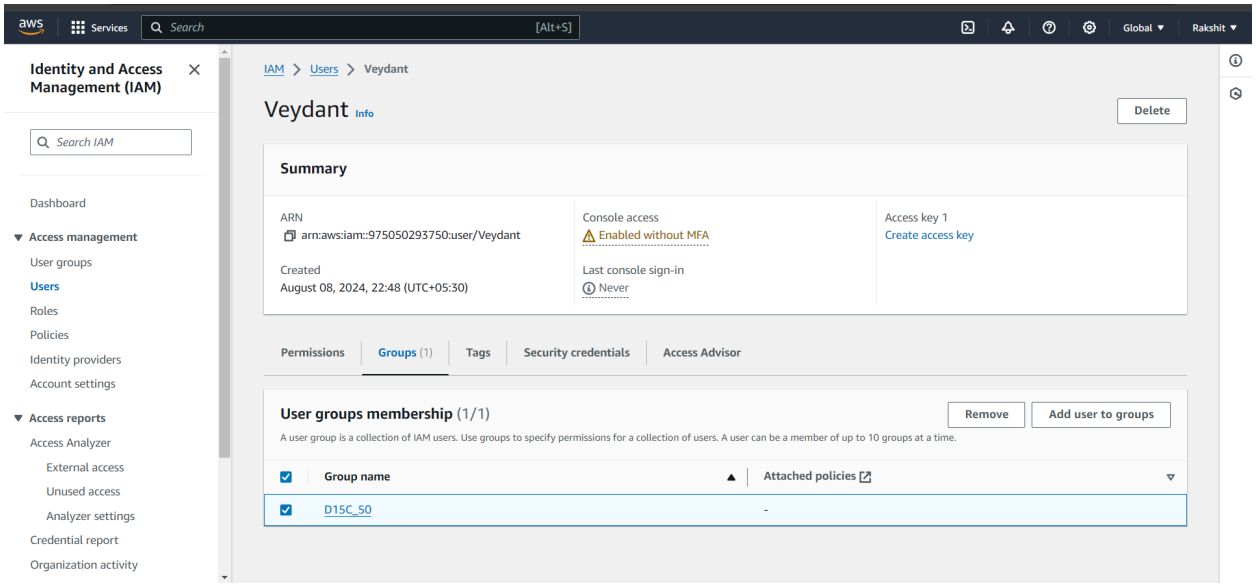


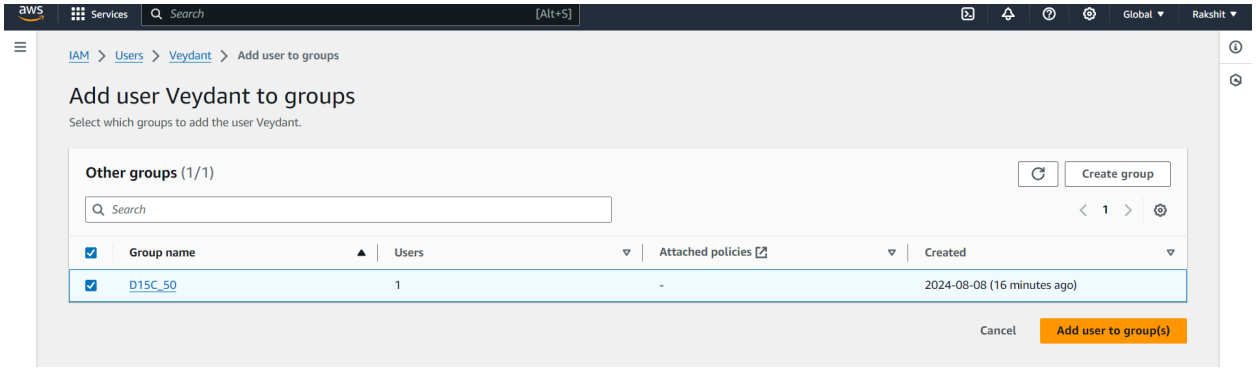


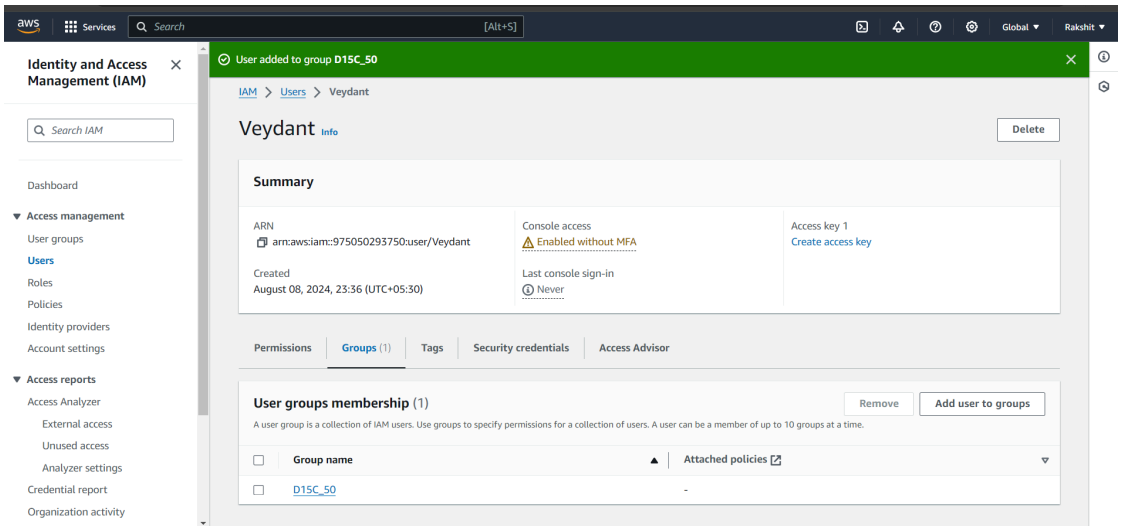
Create a new user group.



Step 7: Navigate to Users tab , go to Groups tab and add User to the group.







The user has been added to the the user group.

Step 8 : Navigate to the permissions tab in User group, select “AWSCloud9EnvironmentMember” and add the permissions.