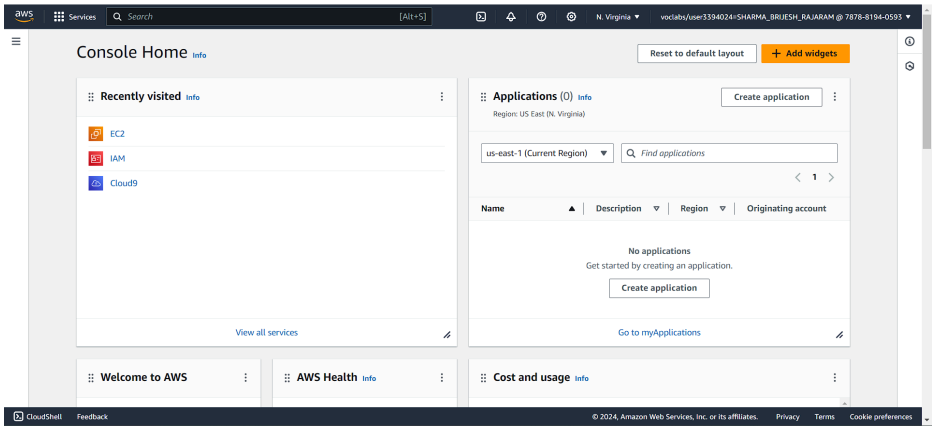
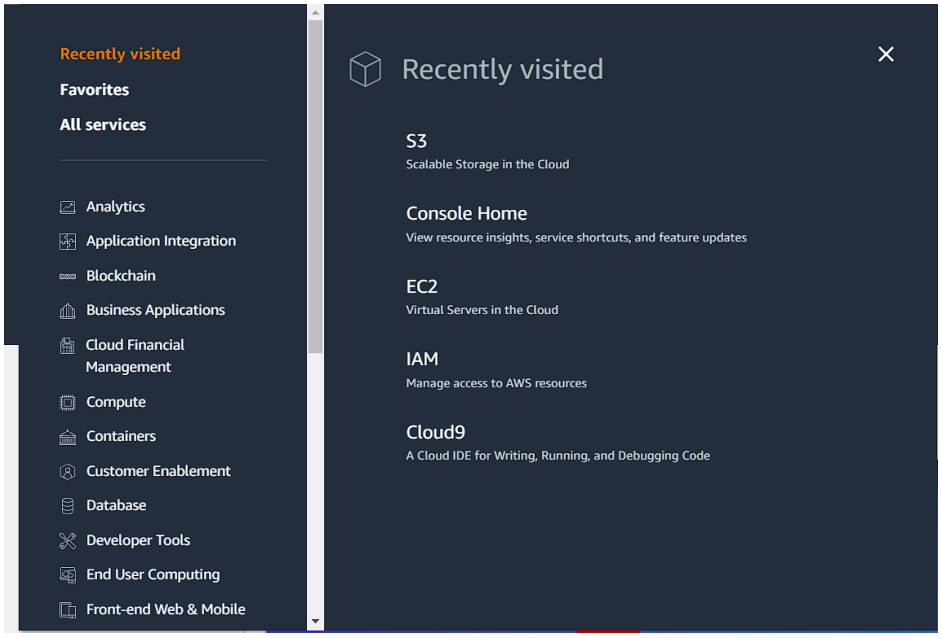
Name:Krushikesh Shelar D15-C Roll No:51

Aim: Hosting a static website on Amazon Web Services (S3)

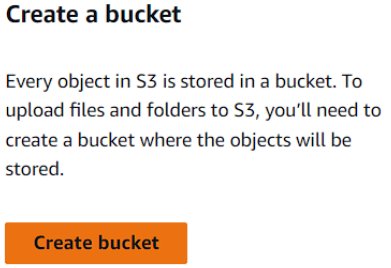
1) Open the AWS console home



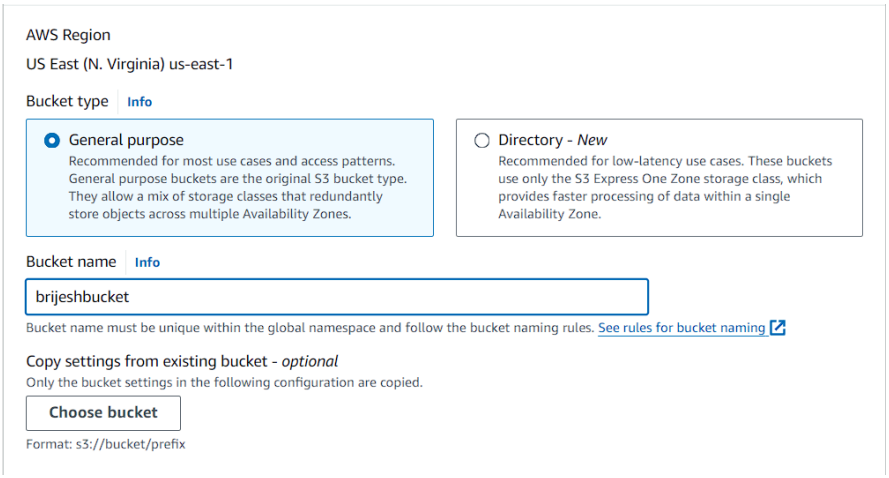
2) Navigate to the S3 to host the website



3) On S3, click on create bucket

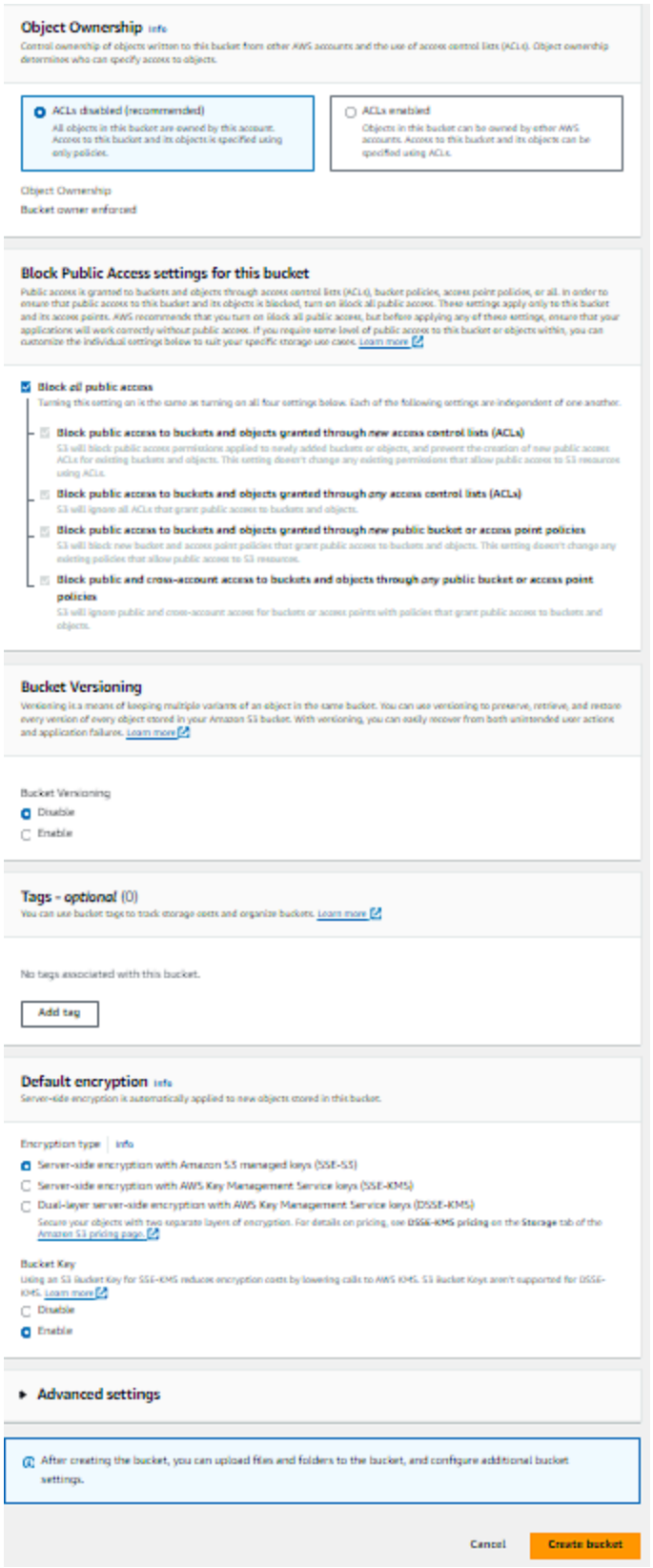


4) Click on Bucket type as General Purpose and name the bucket.

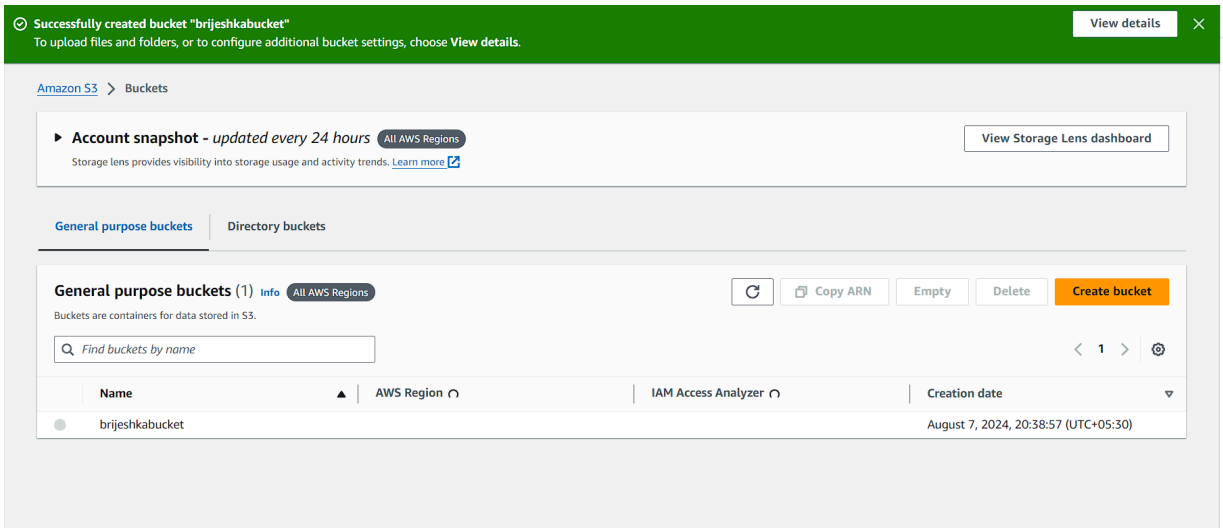


5) Keep the default settings intact, checkingfor bucket versioning as disbale and bucket key enabled.

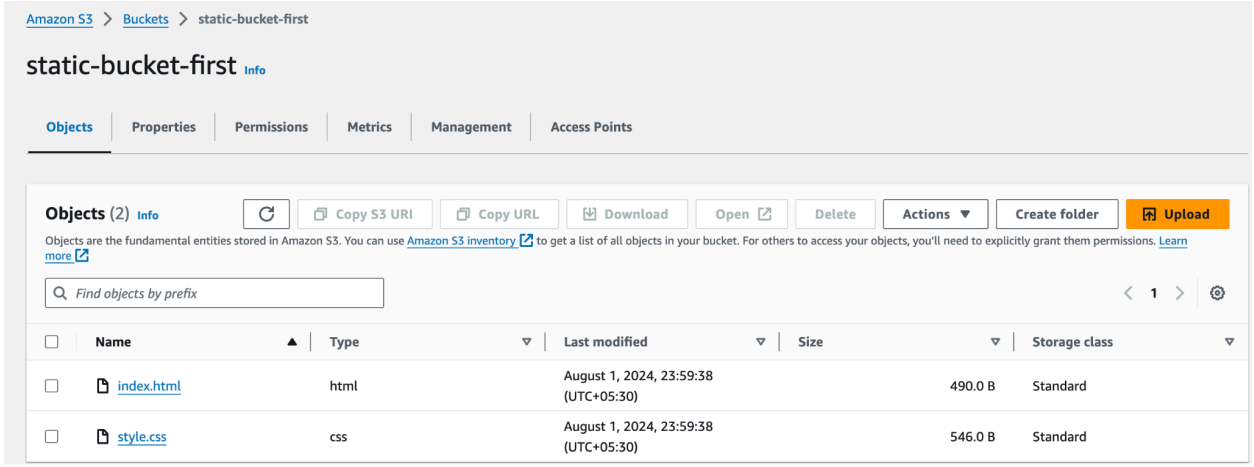
Name:Krushikesh Shelar D15-C Roll No:51



6) After successfully creating the bucket, click on bucket name to change the settings to host the website.

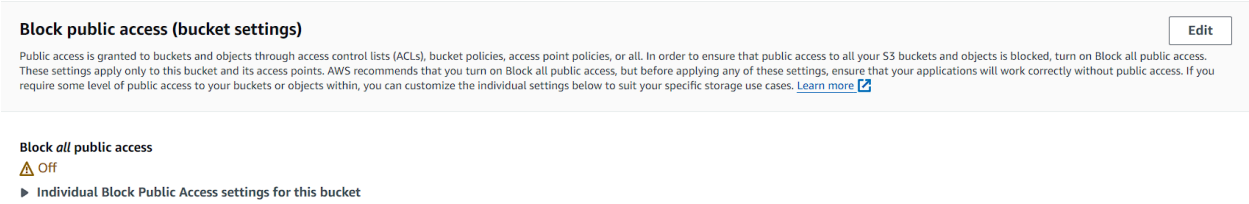


7) Go on Permissions tab and check for Block public access

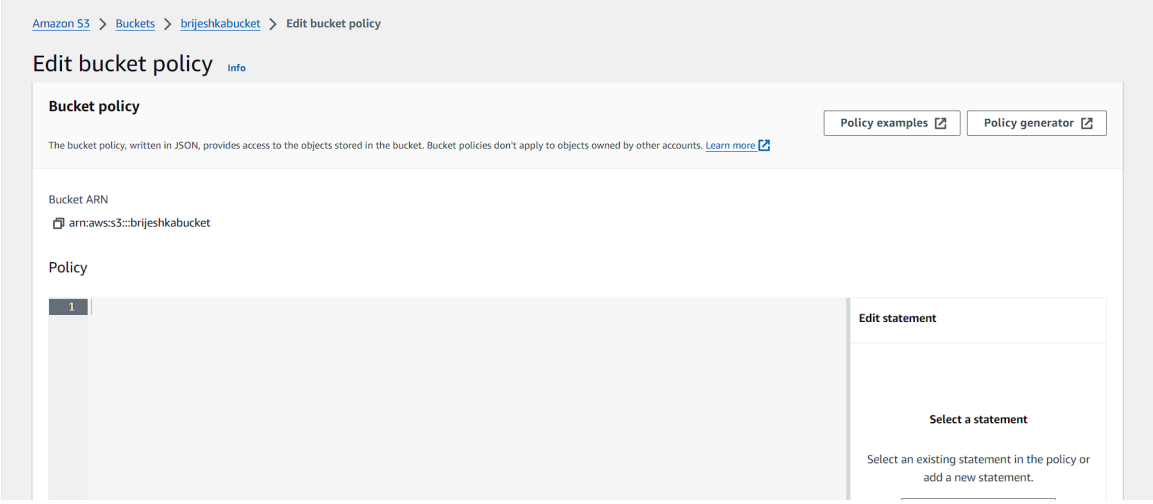


8) Block public access is default on, we need to uncheck it to ensure the hosted website is public.

9) Now the block public access option is unchecked and hence the website can be hosted successfully.



10) Now, navigate to the edit bucket policy in Properties tab to provide access to the services.

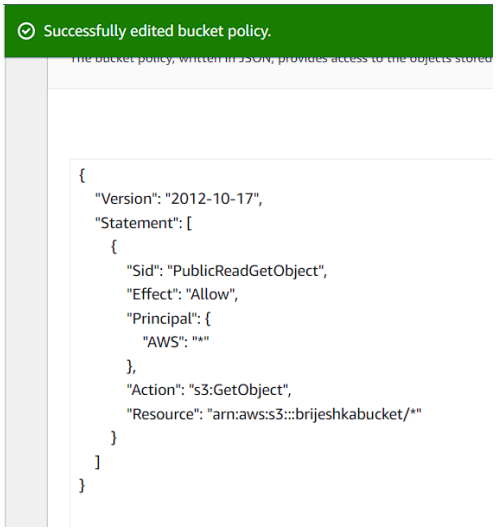


11) Fill the following policy in the empty policy space. Ensure that you change the name of the bucket in Resource with the name of your bucket.

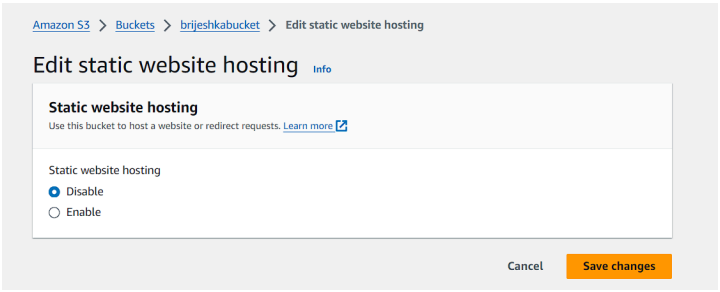
Policy

```
{
    "Version": "2012-10-17",
    "Statement": [
        {
            "Sid": "PublicReadGetObject",
            "Effect": "Allow",
            "Principal": {
                "AWS": "*"
            },
            "Action": "s3:GetObject",
            "Resource": "arn:aws:s3:::brijeshkabucket/*"
        }
    ]
}
```

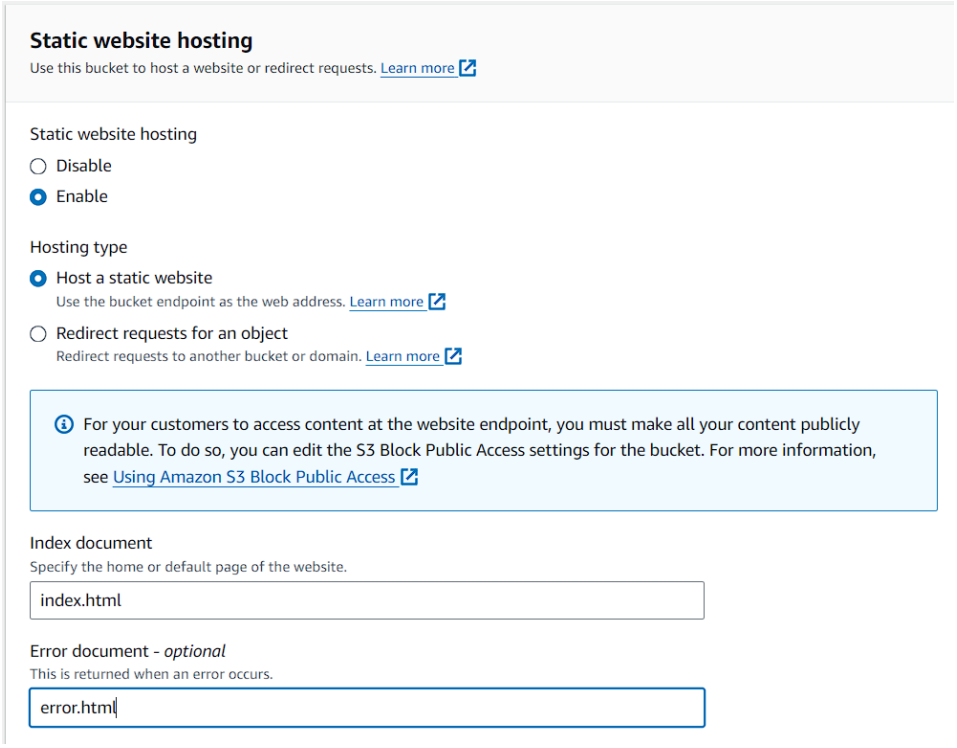
12) After saving the changes, you will see a message.



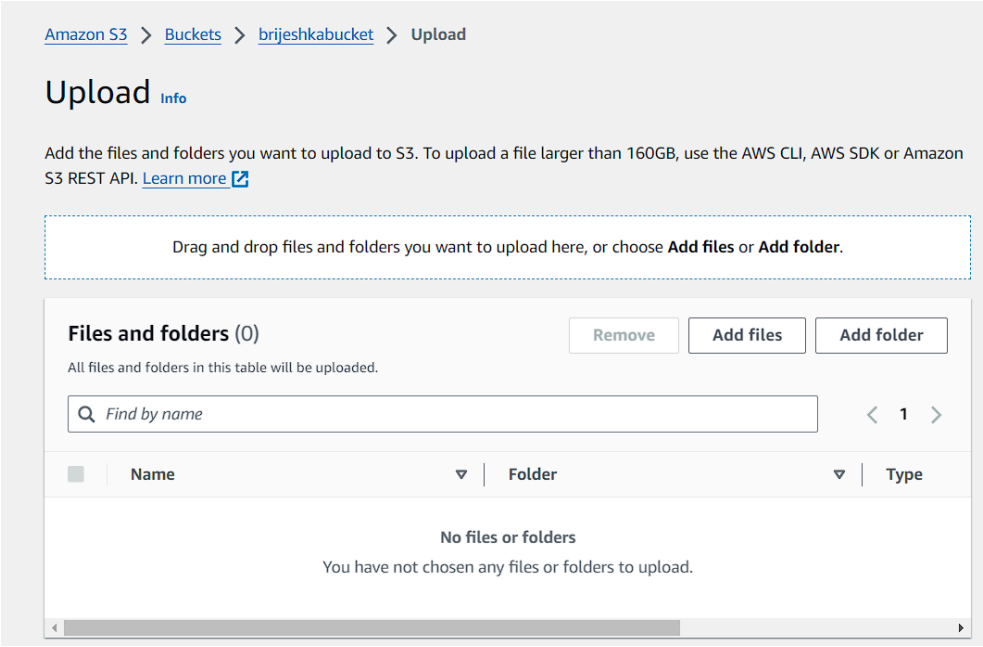
13) Go to the edit static website hosting in the properties tab to use bucket to host websites.



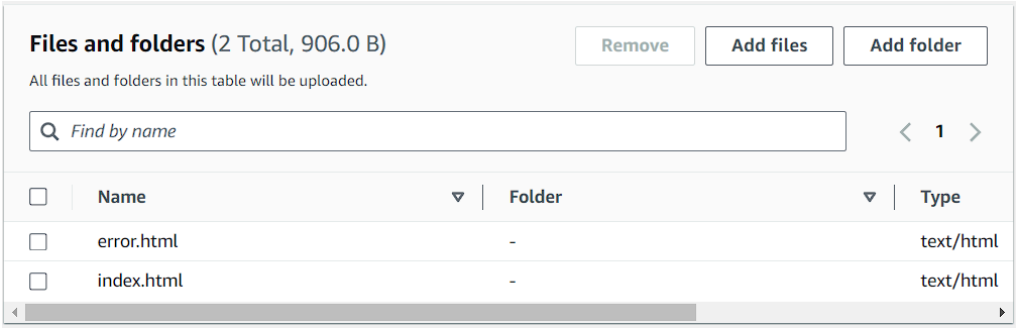
14) Check the options as shown below, and add the names of the file.



15) Navigate to the Upload section and upload the documents with the name as mentioned in the previous section.



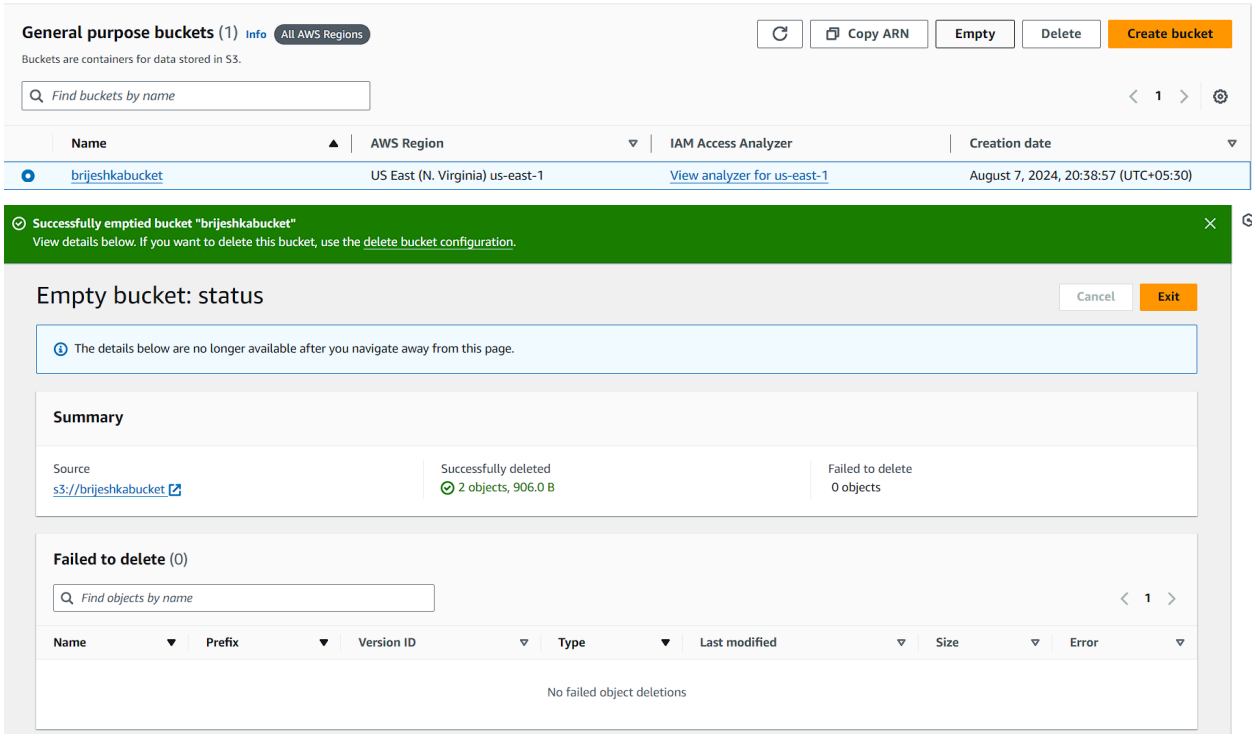
16) Uploaded files will be visible after successful upload.



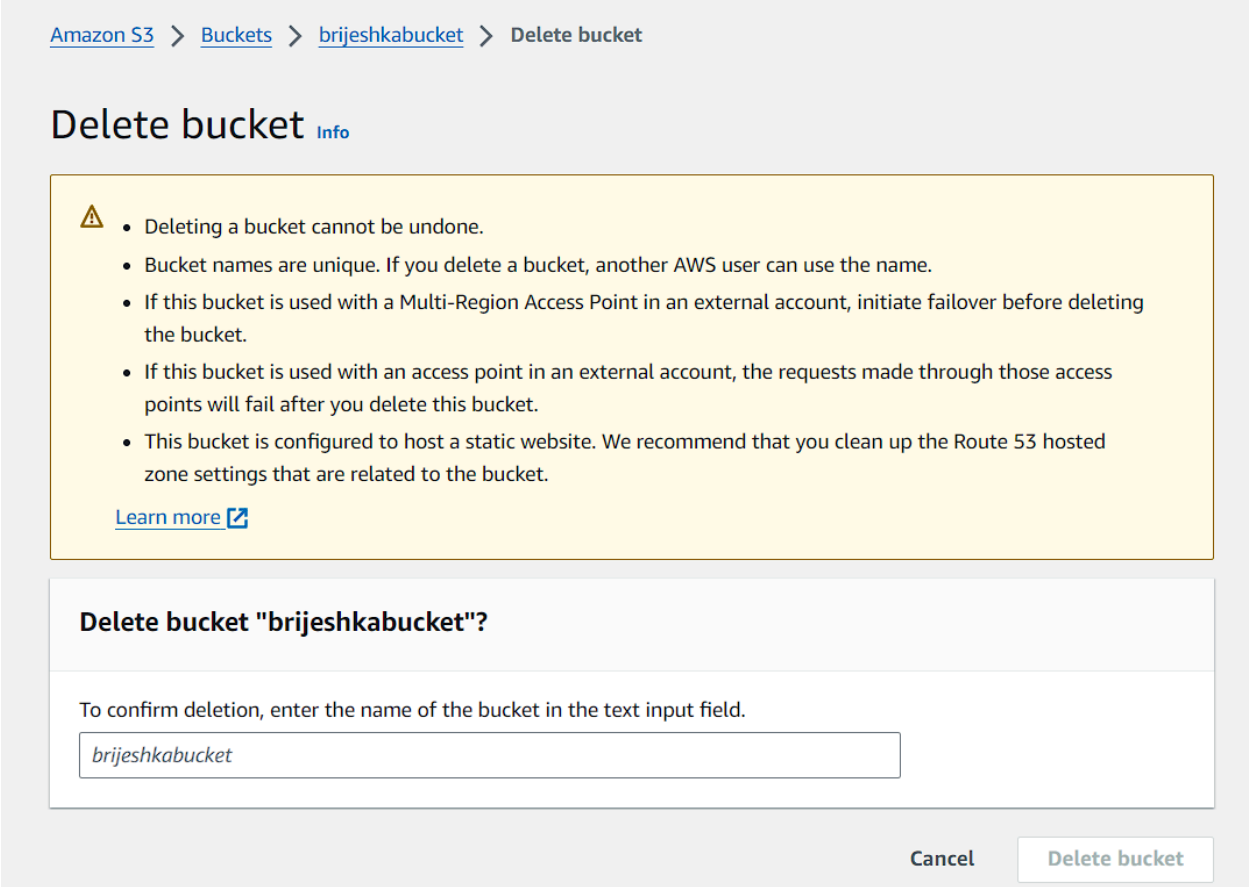
17) Get the link for the hosted website in the properties tab at the bottom.

18) The hosted website using AWS S3.

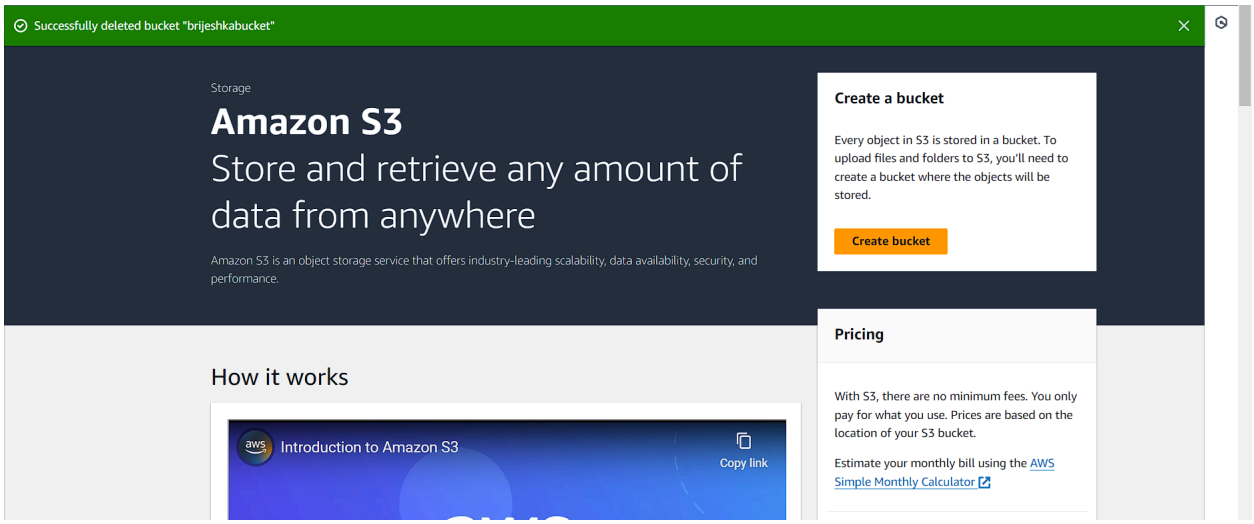
19) To terminate the S3 bucket, first empty the bucket by selecting the files and clicking on Empty.



20) Then navigate to the Delete bucket option and enter the name of the bucket and delete the bucket.



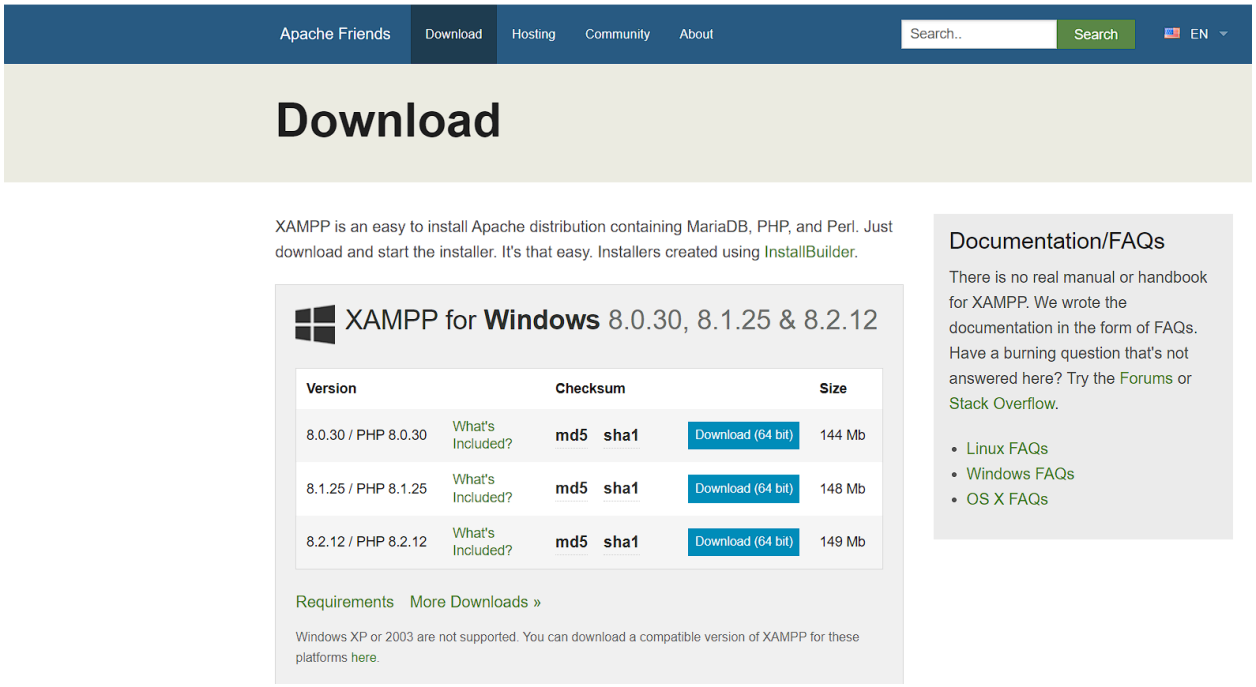
21) After deleting the bucket, a message will appear.



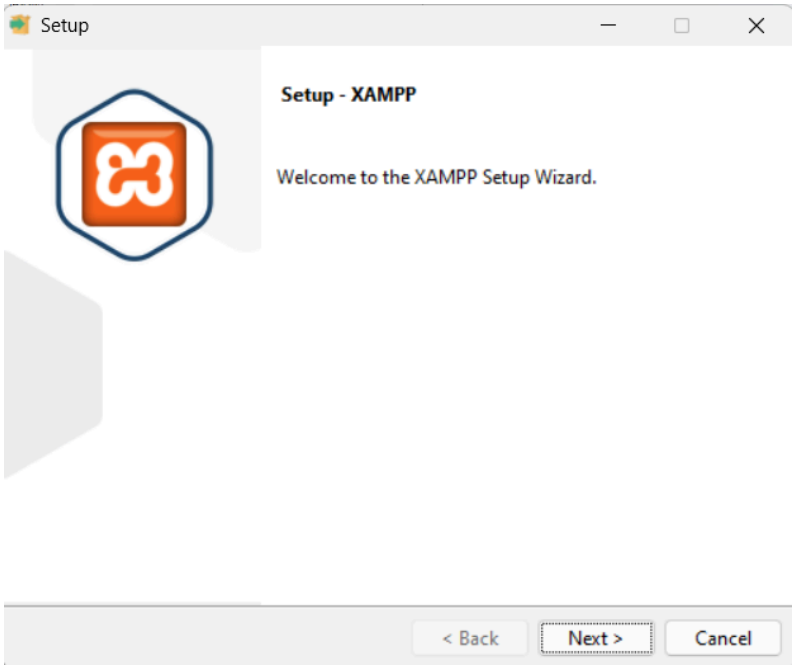
XAMPP Hosting

Name:Krushikesh Shelar D15-C Roll No:51

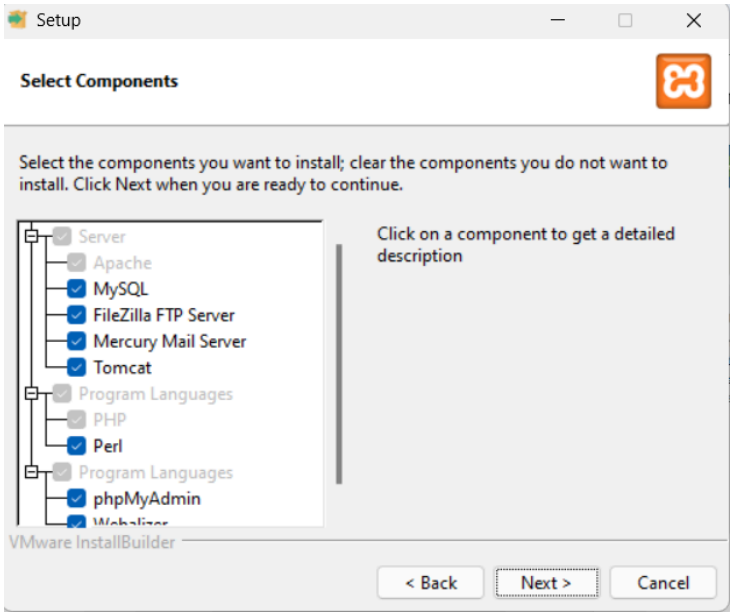
1) Search for XAMPP download and navigate to the xampp official website and click on download as per your system.



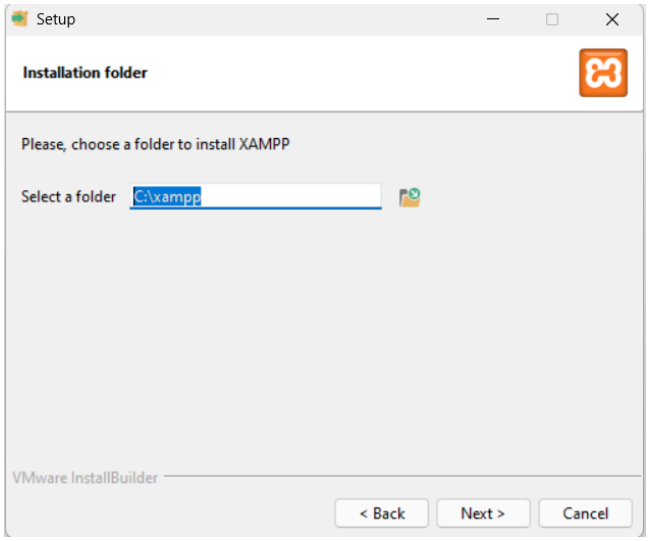
2) Xampp installer will be installed in the system.
3) Window asking to give permission will appear. Click pn ‘Yes’.
4) A window will appear for setup. Click on ‘Next’.



5) Keep the default settings and click on Next.



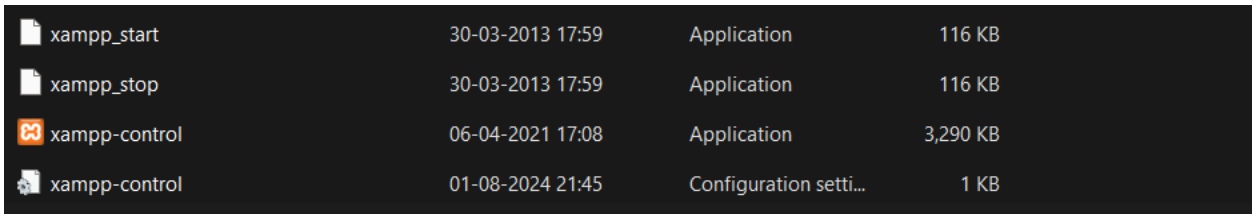
6) Choose the folder path.



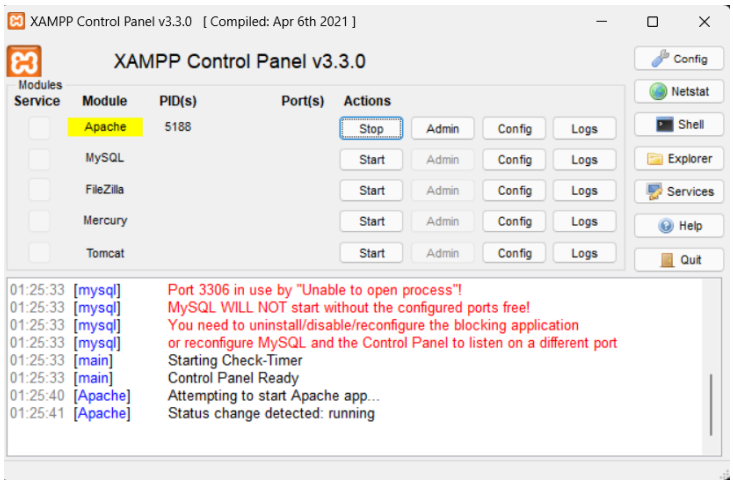
7) Then the XAMPP installation will be done.
8) Locate the folder and then locate the ‘htdocs’ folder in the xampp folder.

9) Create a test.php file in the htdocs folder and write php code.

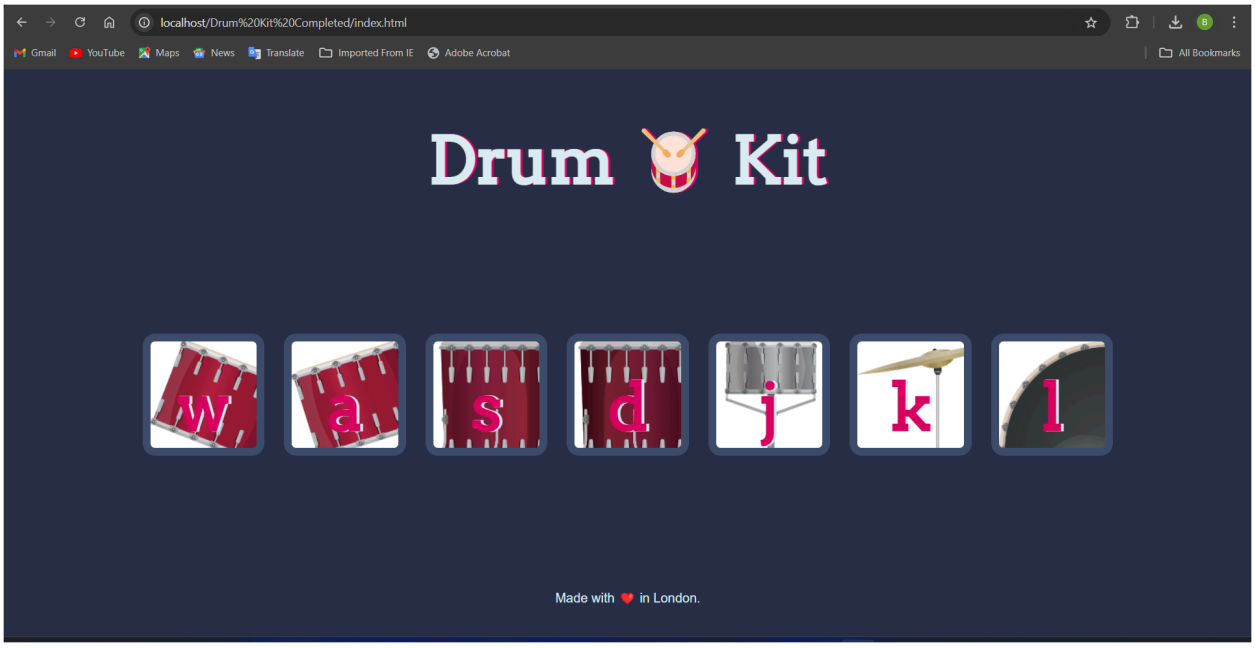
10) Now go to the xampp contol panel in the xampp folder.



11) Start the Apache server.



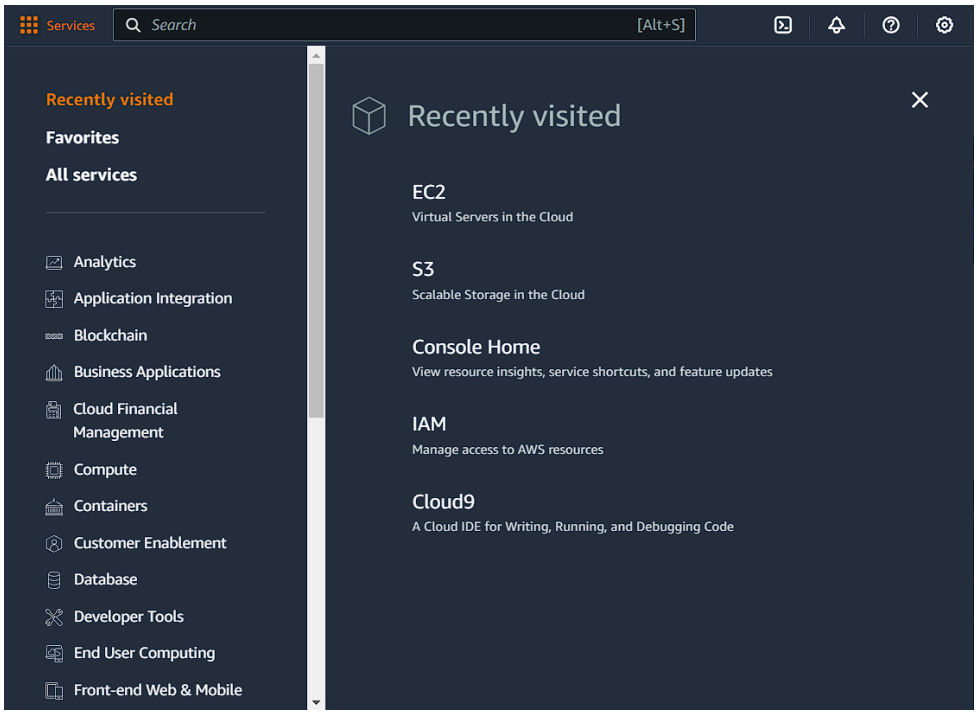
12) After strating the service, got to “localhost/file_name”, then the output window will appear.



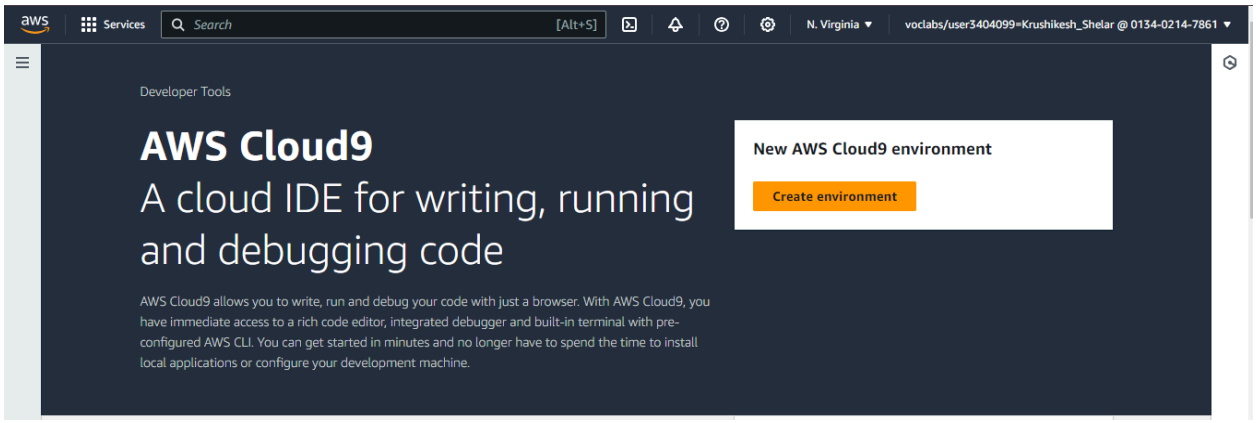
Name:Krushikesh Shelar D15-C Roll No:51

AIM: Setup Cloud 9 - IDE and perform collaboration demonstration.

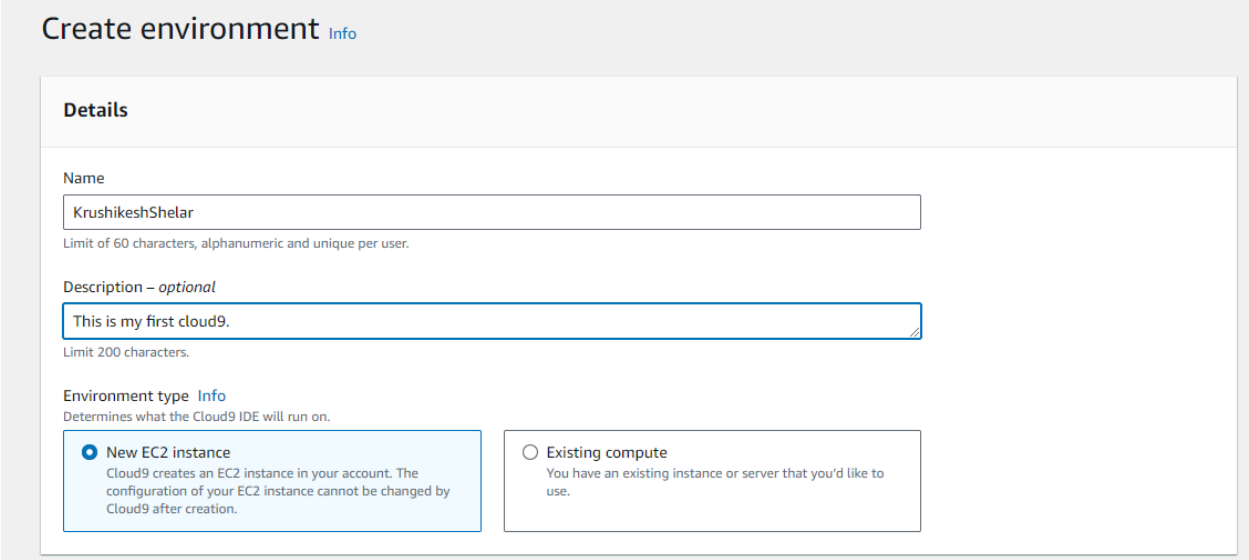
1) Navigate to developer tools -> Cloud9 and start creating Cloud9 environment.



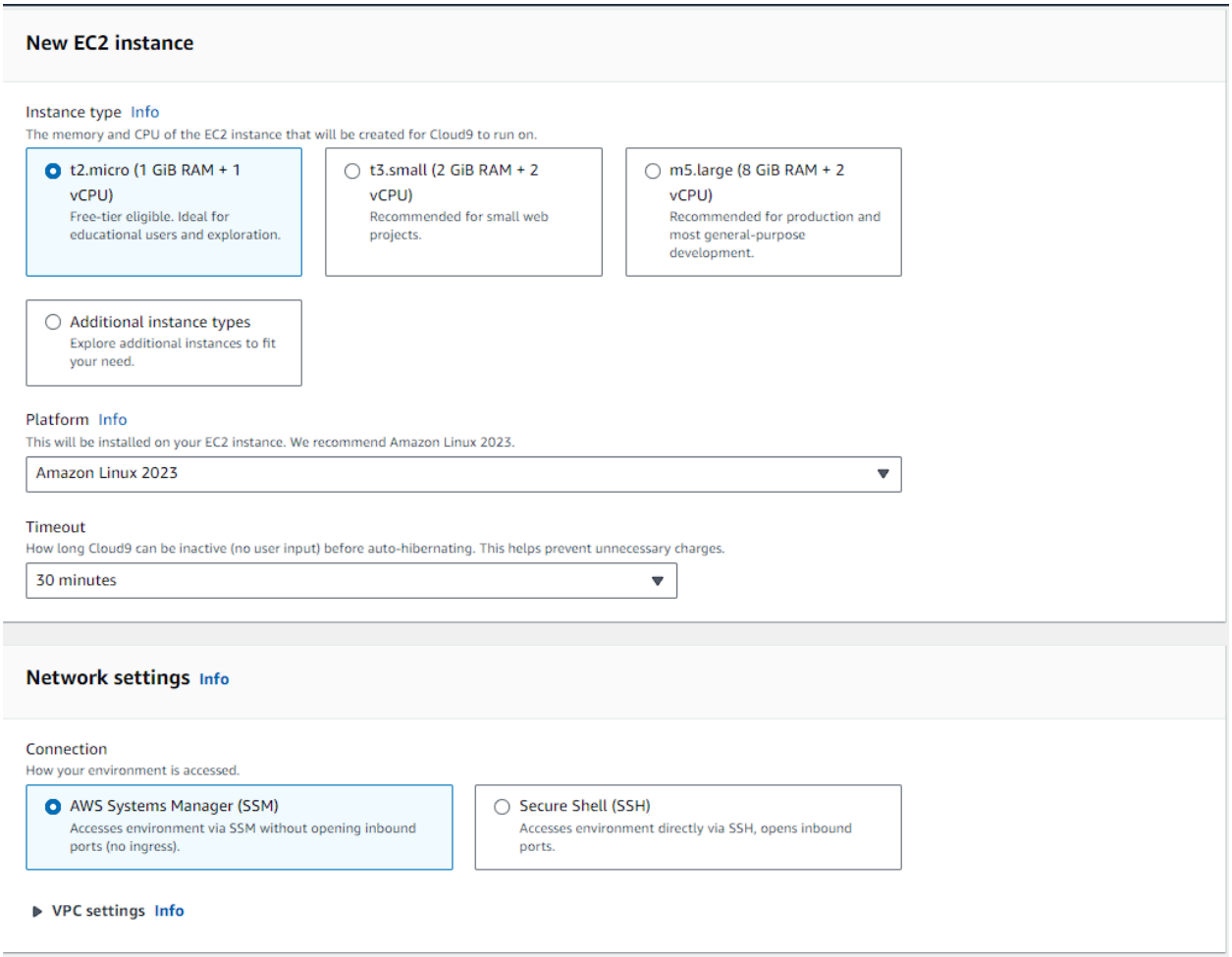
2) Click on Create Enviornment and start creating the environment



3) Name the environment and select new EC2 instance.

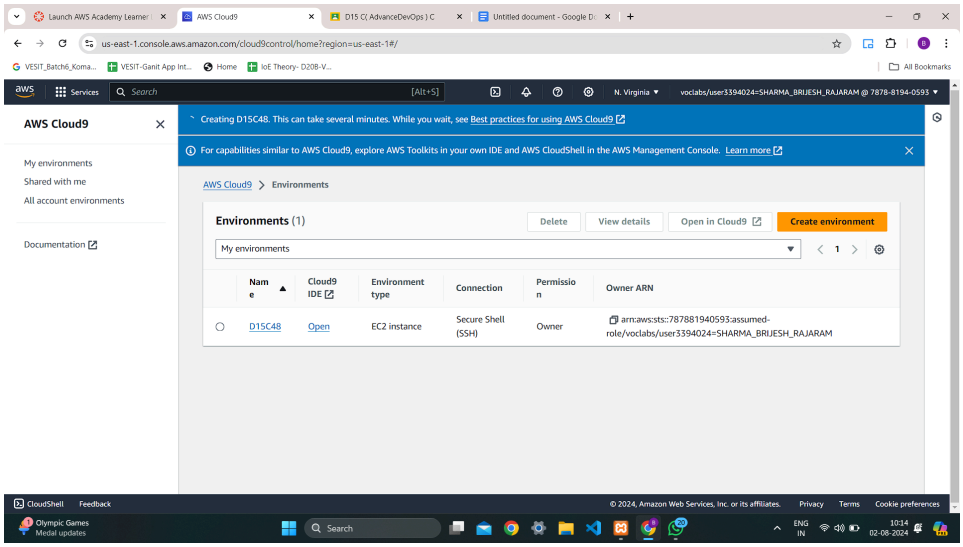


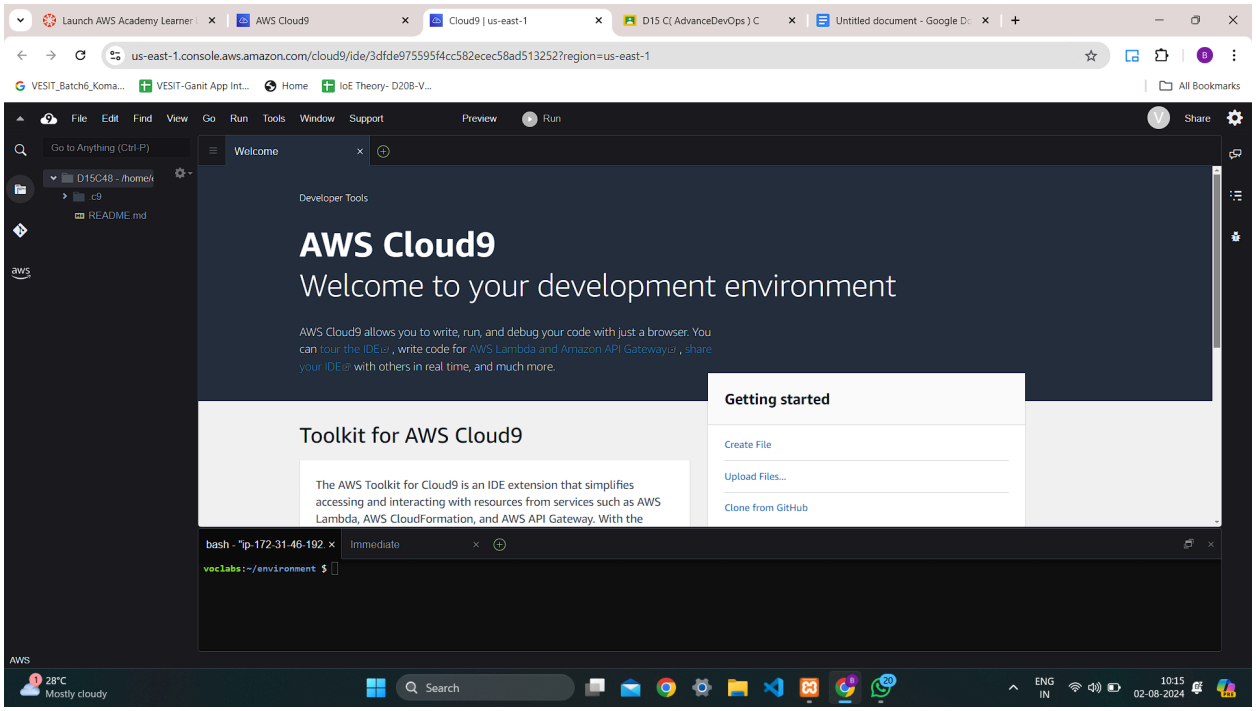
4) Keep the options default and proceed



Name:Krushikesh Shelar D15-C Roll No:51

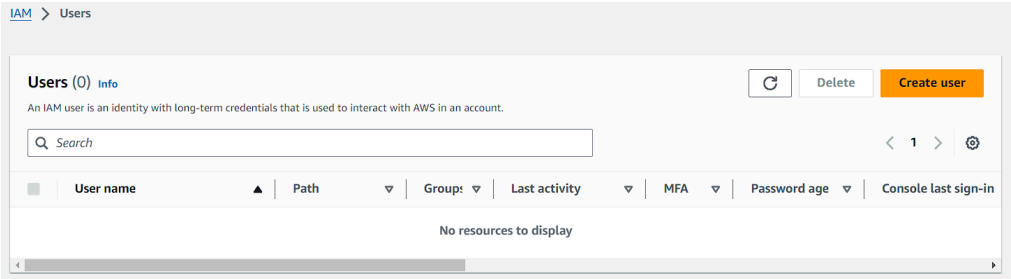
5) Environment created successfully.



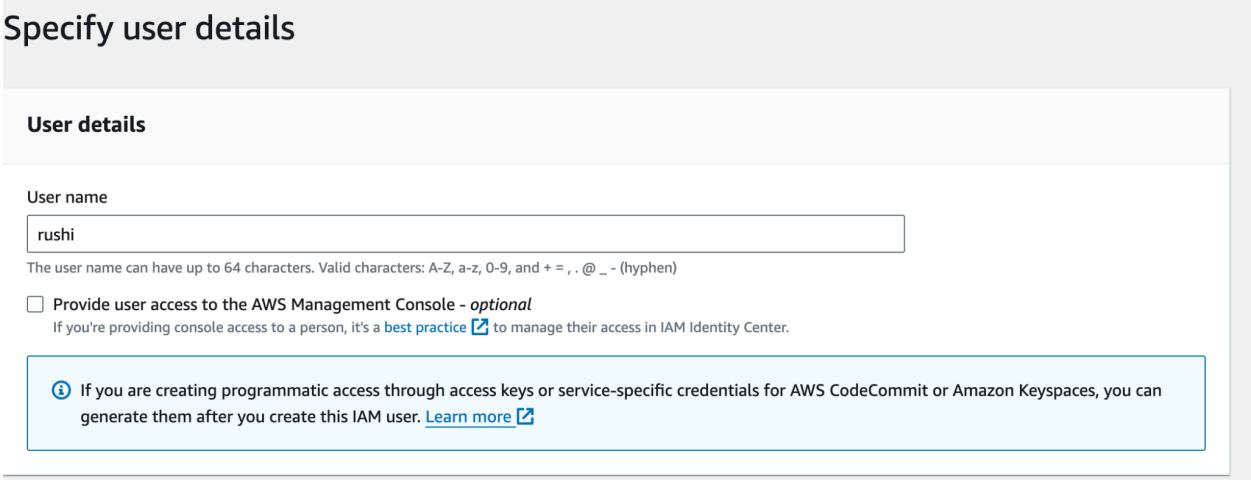


Name:Krushikesh Shelar D15-C Roll No:51

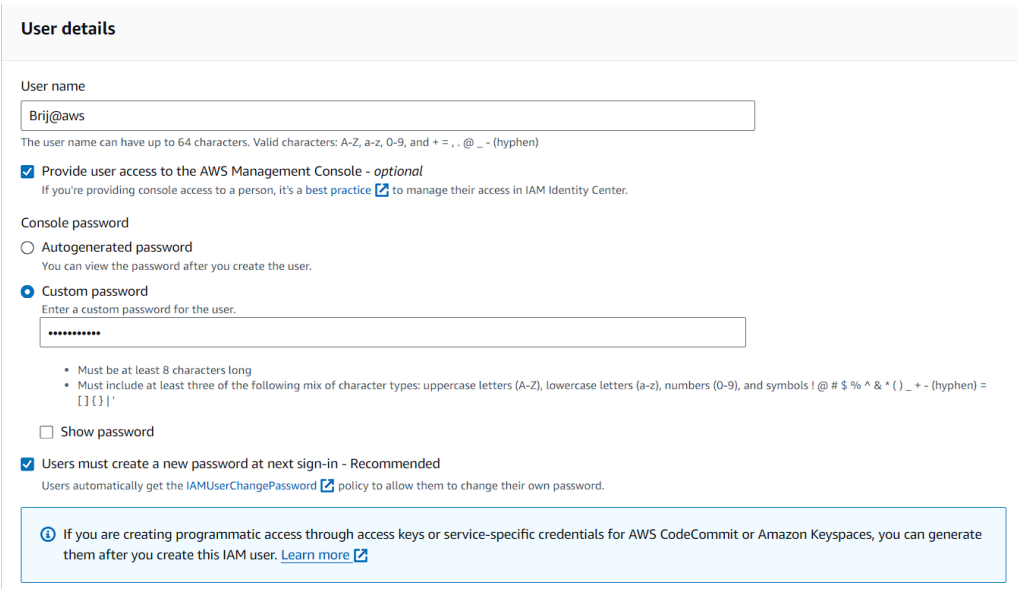
6) Create user using the IAM.



7) Add the username

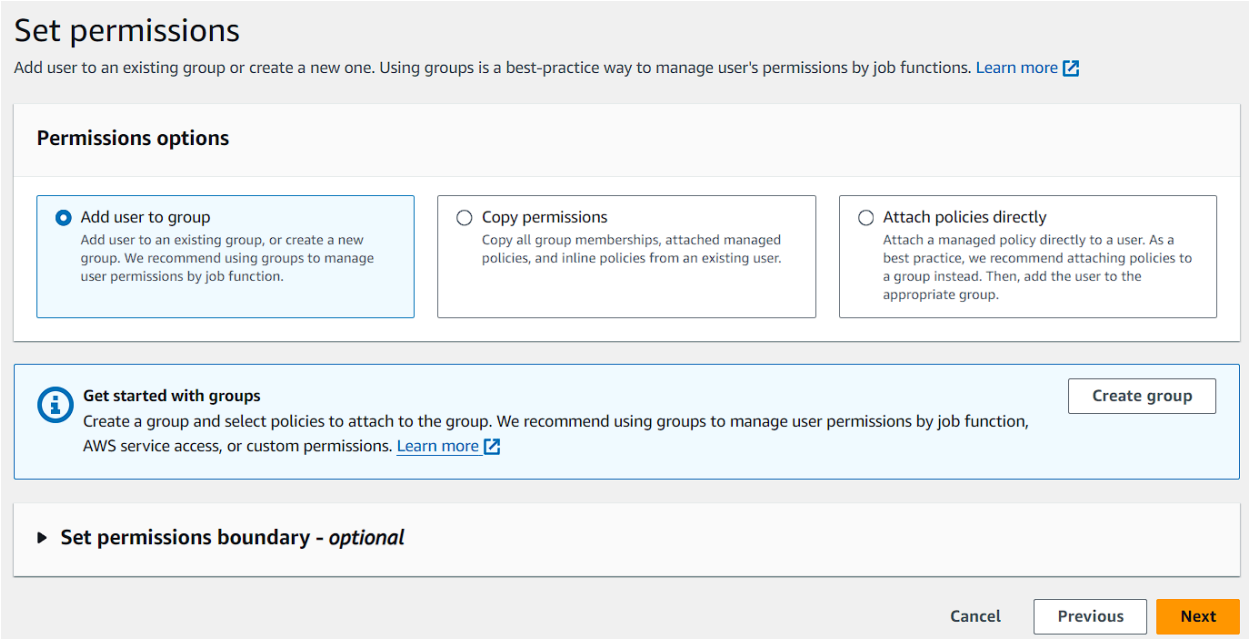


8) Add the remaining user details and provide access to the AWS Management Console

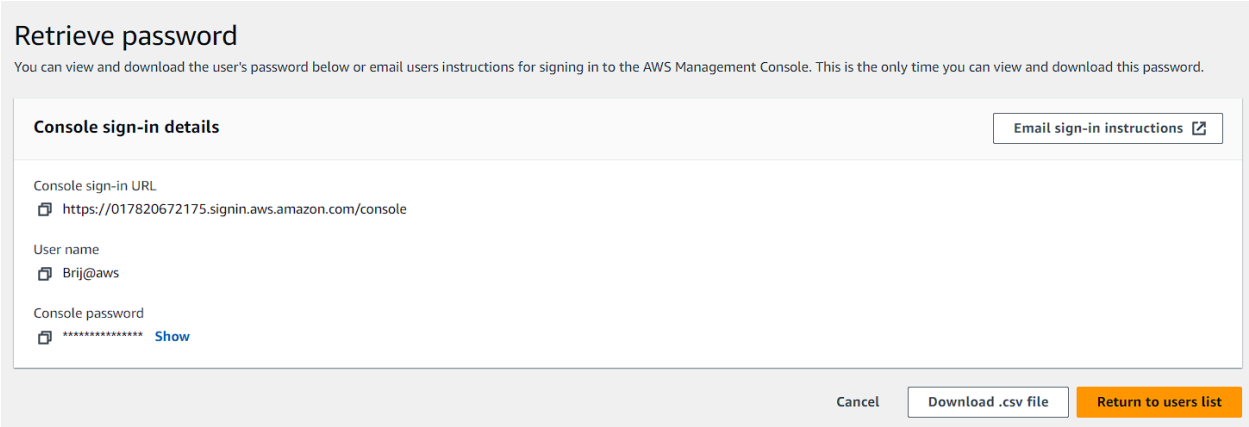


Name:Krushikesh Shelar D15-C Roll No:51

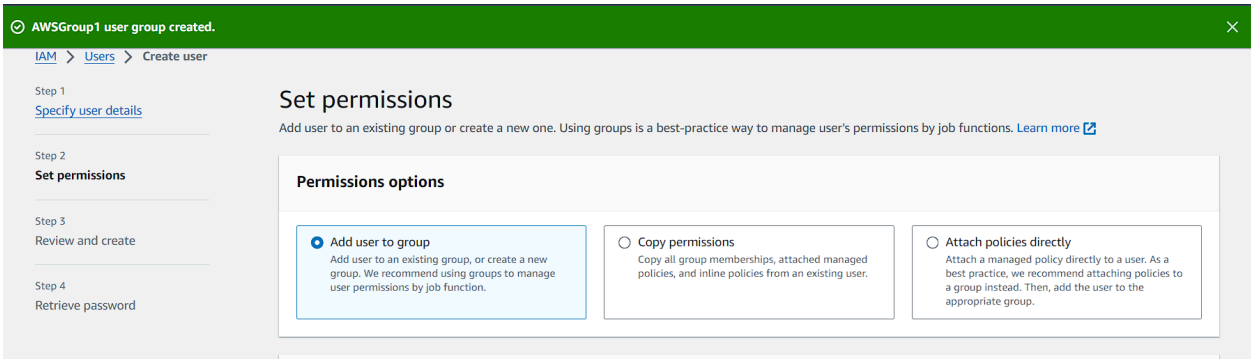
9) User created successfully and can be added to user groups.



10) User credentials can be downloaded.

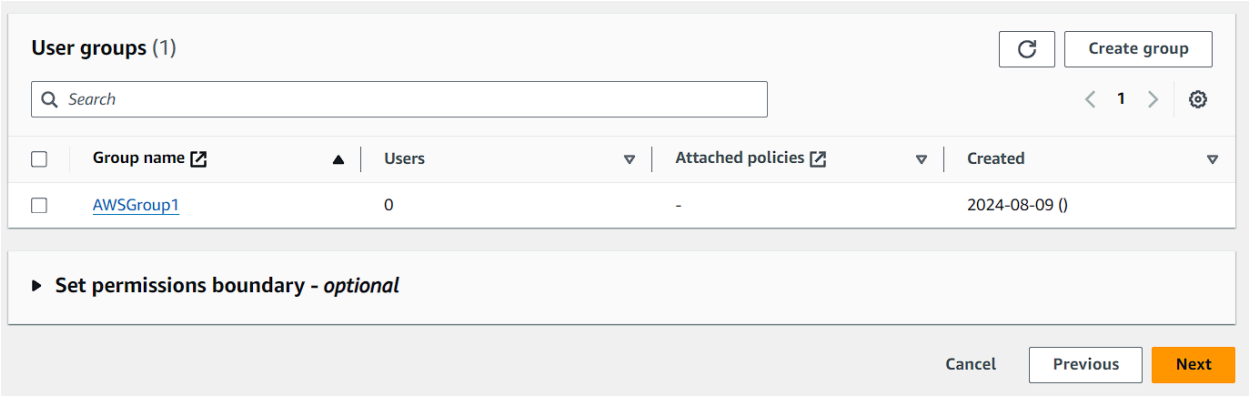


11) Add user to group if group exists else create a new group.

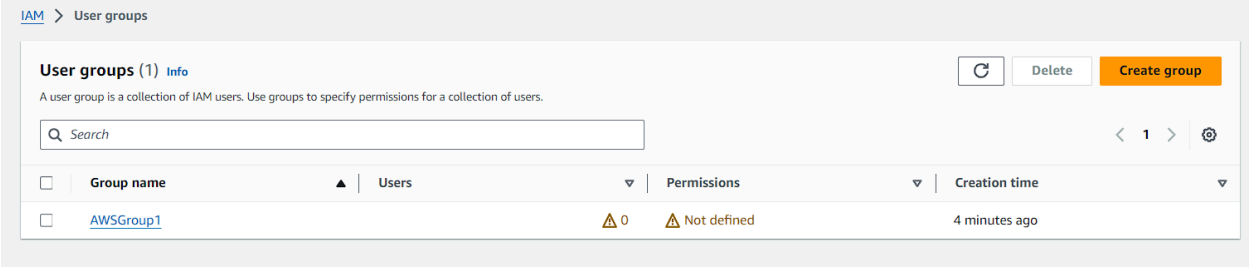


Name:Krushikesh Shelar D15-C Roll No:51

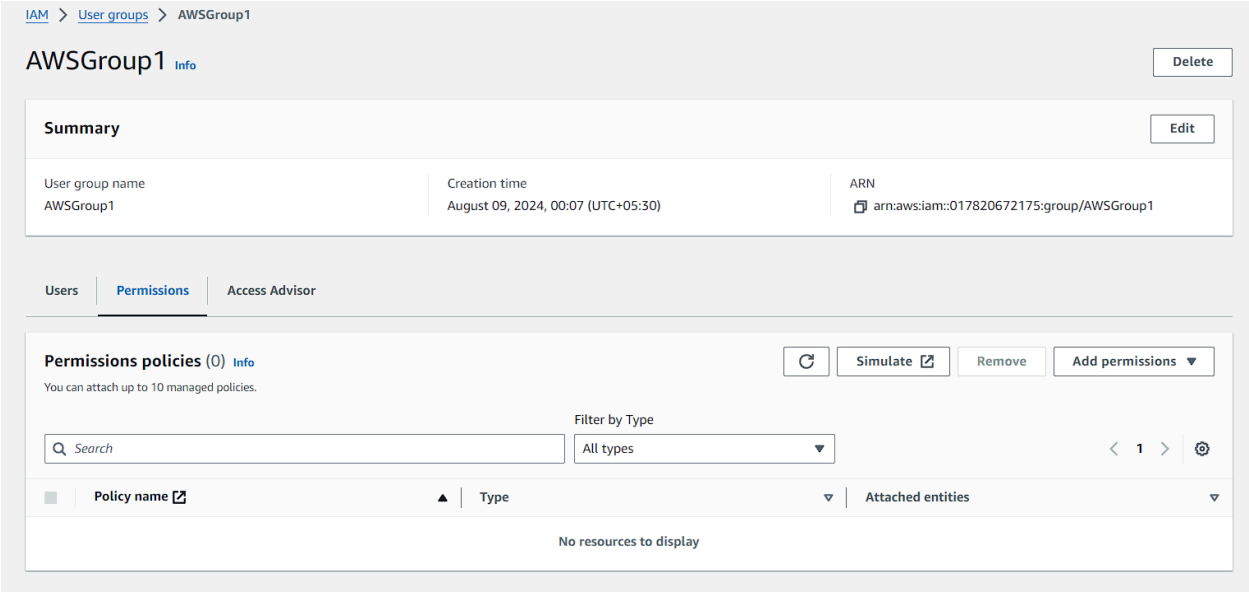
12) Write the user group name and proceed.



13) Click on *group_name.*

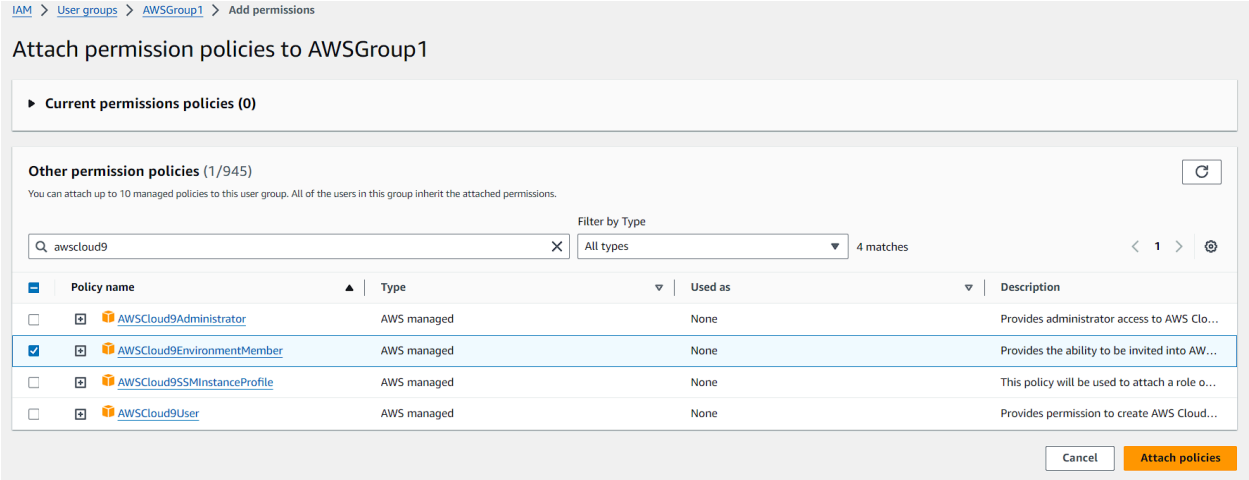


14) Go to Add permissions and click on Add Permissions



Name:Krushikesh Shelar D15-C Roll No:51

15) On attach policies, select AWSCloud9EnvironmentMember and click on Attach policies.



16) User group is created successfully.