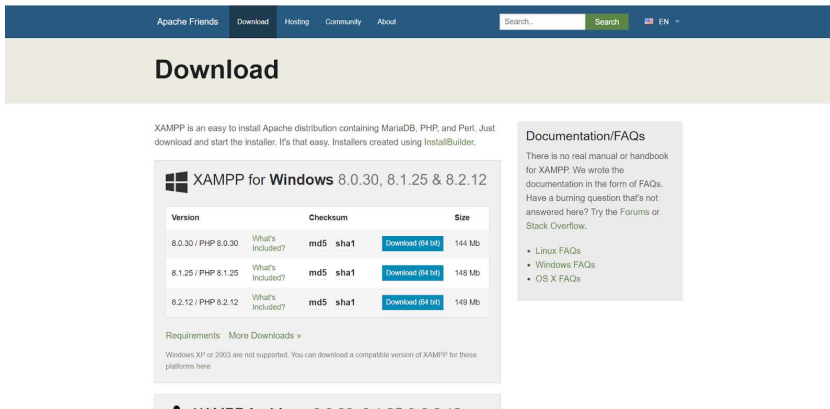
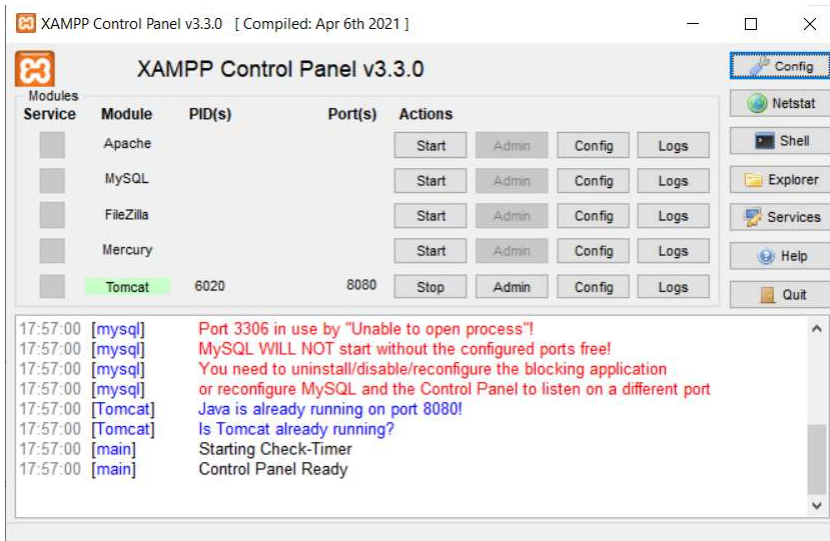


Exp 1a: Prerequisites**Xampp**

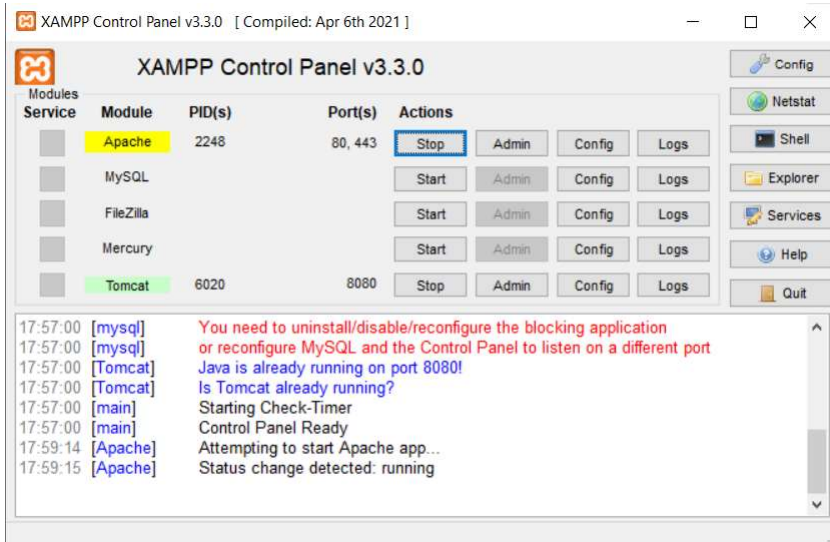
1. Go to the official website of Xampp. <https://www.apachefriends.org/download.html>. Select the suitable version and complete the installation.



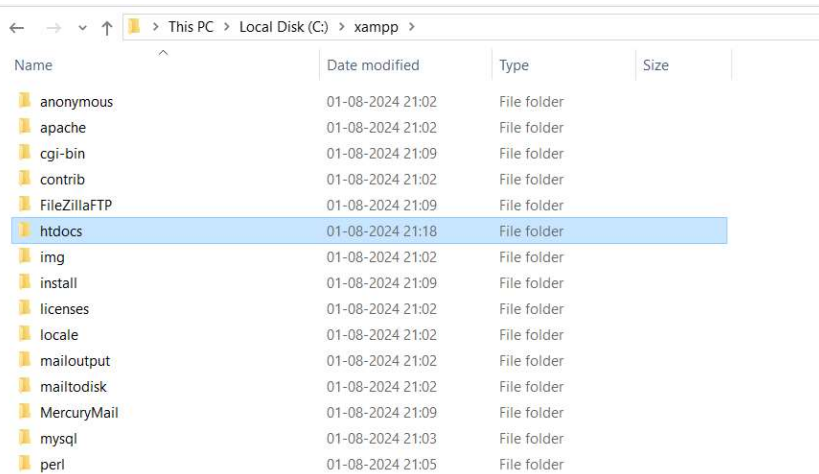
2. Once installation is complete, open the Xampp control panel. To host a php project locally we require to start the apache server.



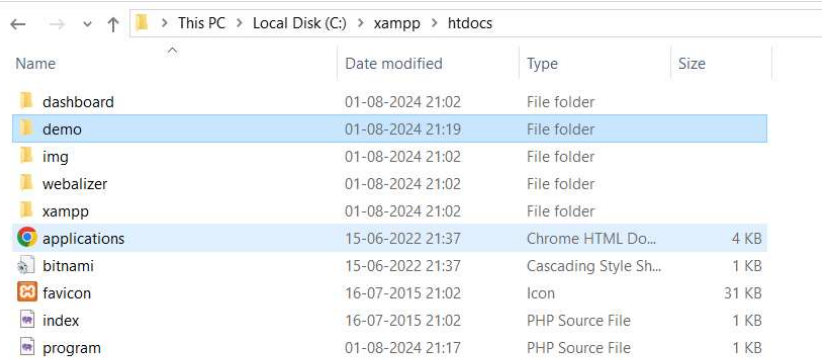
3. Click on start in front of apache and wait for the server to start.



4. We can now set up the php project. In the xampp folder in C drive there will be a folder named htdocs. Every project that we want to host locally should be present in htdocs.

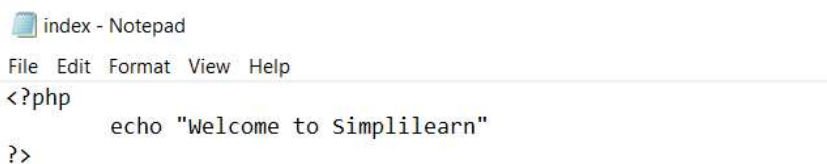


5. We will create a project named demo inside htdocs. This demo folder will contain our php source code.



This PC > Local Disk (C:) > xampp > htdocs			
Name	Date modified	Type	Size
dashboard	01-08-2024 21:02	File folder	
demo	01-08-2024 21:19	File folder	
img	01-08-2024 21:02	File folder	
webalizer	01-08-2024 21:02	File folder	
xampp	01-08-2024 21:02	File folder	
applications	15-06-2022 21:37	Chrome HTML Do...	4 KB
bitnami	15-06-2022 21:37	Cascading Style Sh...	1 KB
favicon	16-07-2015 21:02	Icon	31 KB
index	16-07-2015 21:02	PHP Source File	1 KB
program	01-08-2024 21:17	PHP Source File	1 KB

6. Open the notepad and write a simple php script. Save this file inside the demo folder.



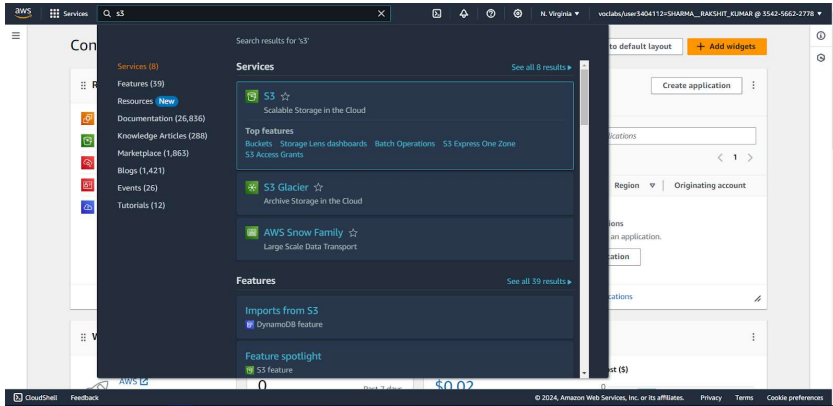
```
index - Notepad
File Edit Format View Help
<?php
    echo "Welcome to Simplilearn"
?>
```

7. Go to your web browser and type "localhost/project_folder_name", "localhost/demo" in this case. And we can see that our php script has been hosted locally using Xampp.

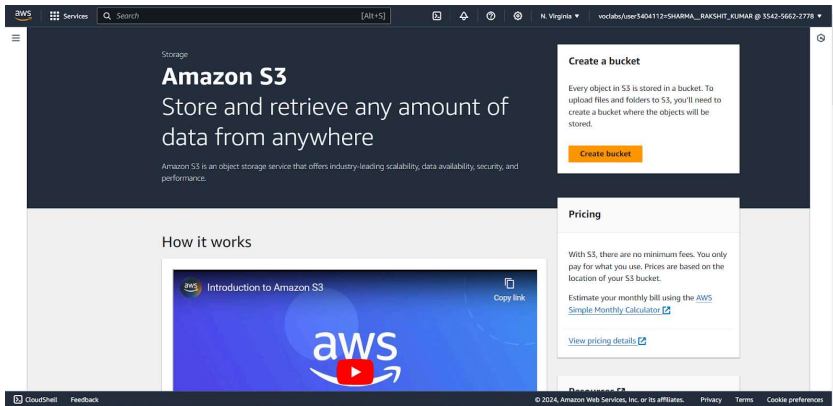


S3

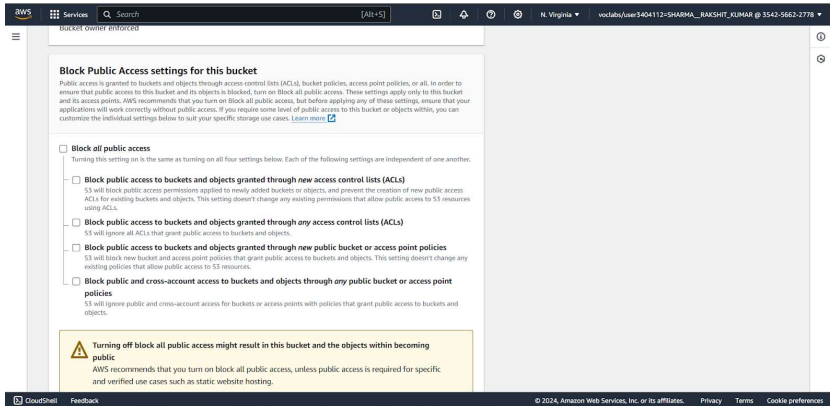
1. Go to the AWS academy lab and search for s3 service.



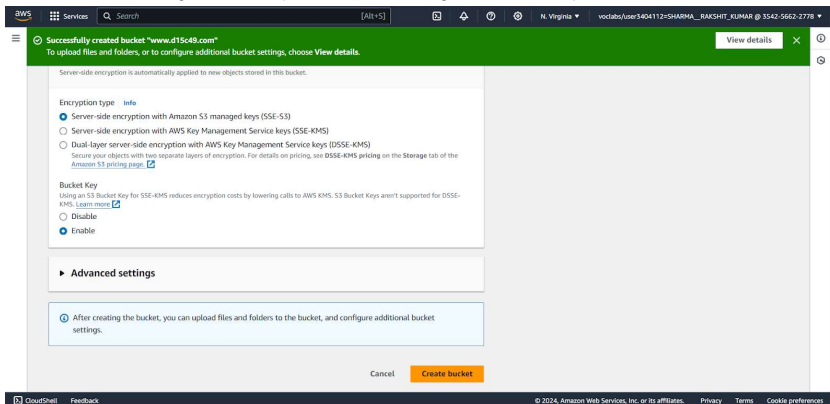
2. In the s3 service select the create bucket option.



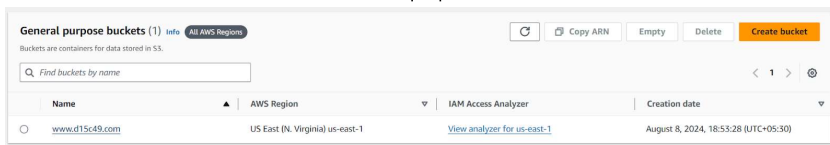
3. Select the name for bucket. Enter other details. Uncheck the block all public access option. Checking this box will give the 403 error when we try to access the website.



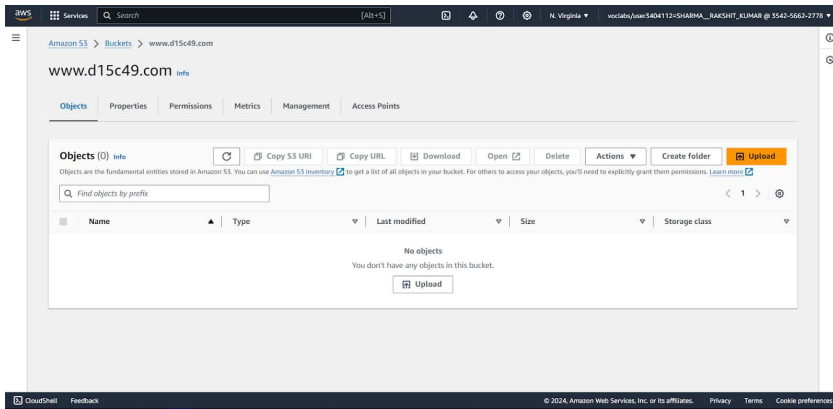
4. Use default setting for other options. Once configuration is completed, click on create bucket.



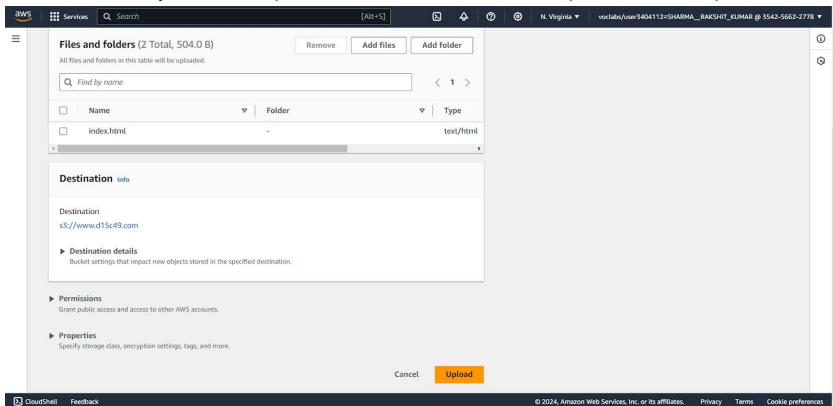
5. You can see the buckets created in General purpose buckets.



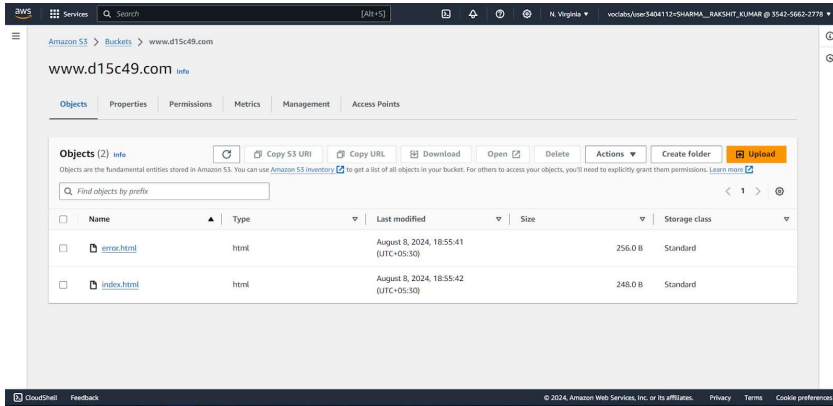
6. Open the bucket, now we will upload files in our bucket. Select the upload button



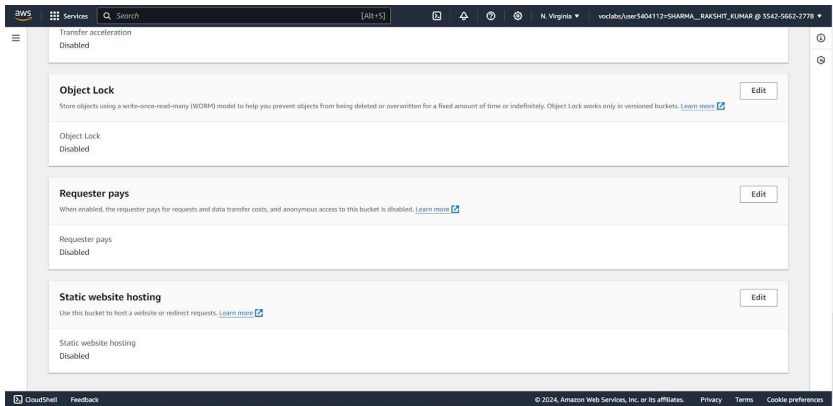
7. Select the files you want to upload in the bucket. Click on the upload button to upload files.



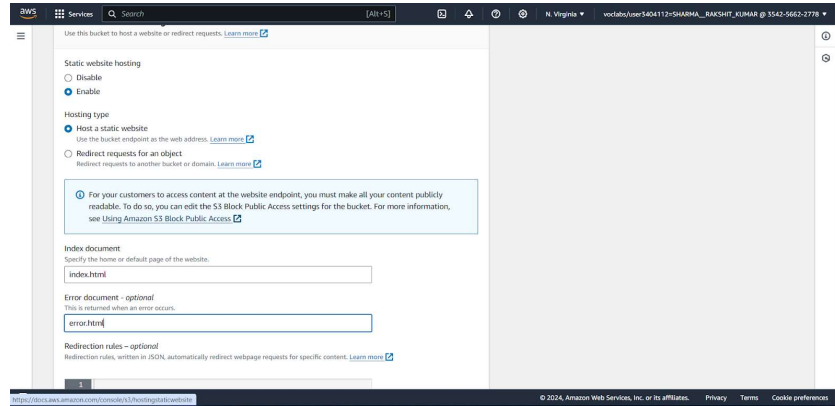
8. You can see all the files uploaded in the bucket. Now go to the properties section to enable the static hosting option for the bucket.



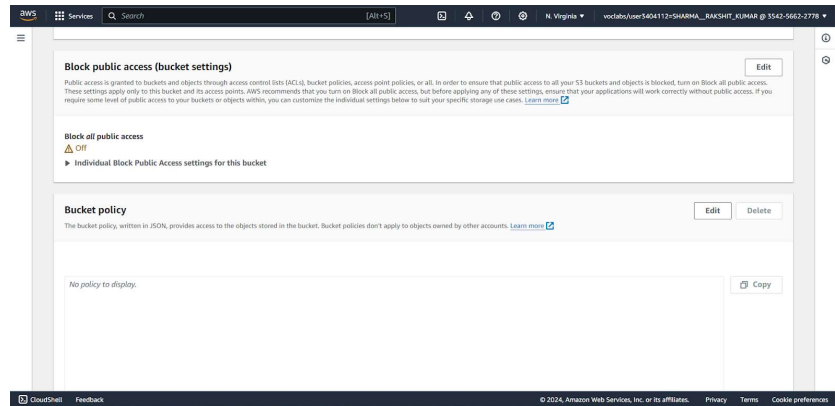
9. Edit the static website hosting setting.



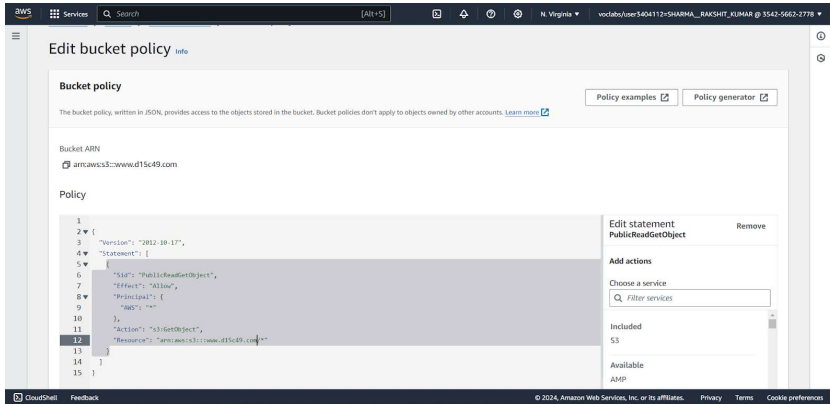
10. Enable the static website hosting, select the index files and error files(optional). These will be the files you have uploaded in the bucket



11. Now we need to change the bucket policy in permissions. Ensure that block public access is off. Edit the bucket policy.



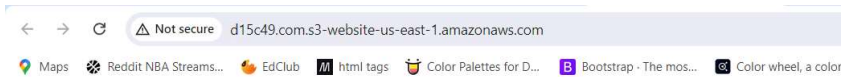
12. You can see examples of bucket policy. Use the appropriate bucket policy and enter your bucket name in it.



13. Once the bucket policy is added, you can see the link for website in static website hosting.



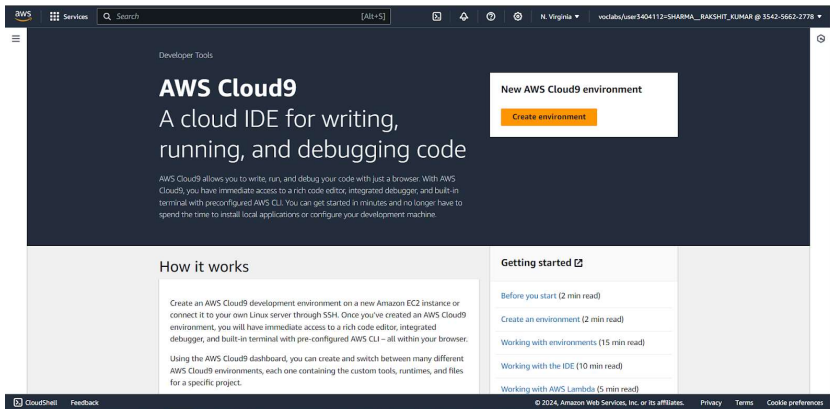
14. On clicking the link you will be redirected to the hosted website.



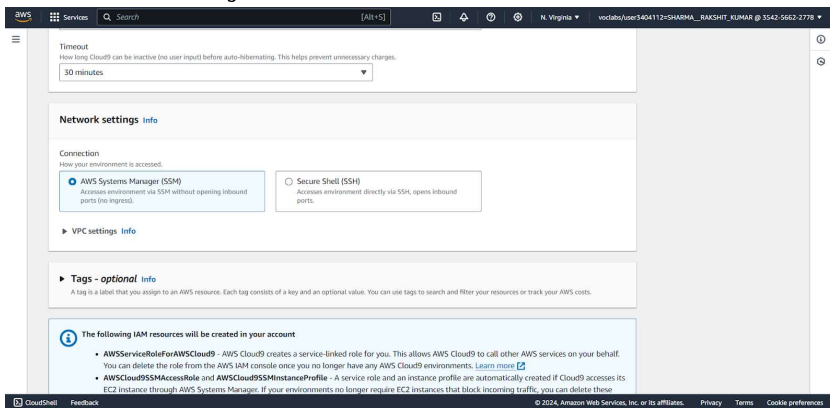
Hello this is my website

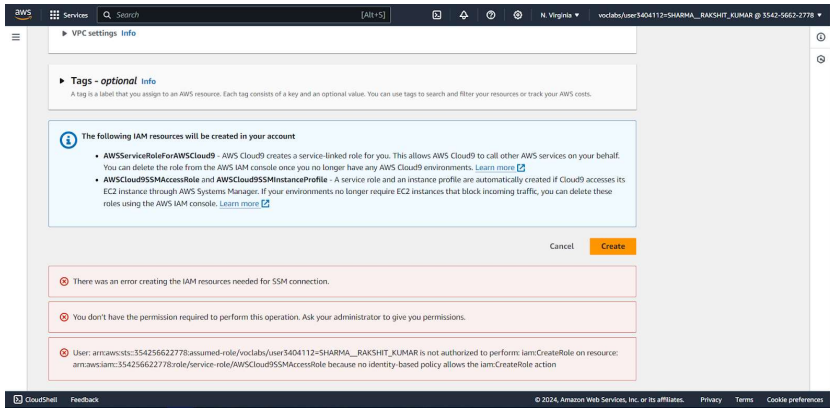
Aim: To understand the benefits of Cloud Infrastructure and Setup AWS Cloud9 IDE, Launch AWS Cloud9 IDE and Perform Collaboration Demonstration.

1. Open the AWS account and search for Cloud9. Click on create environment.

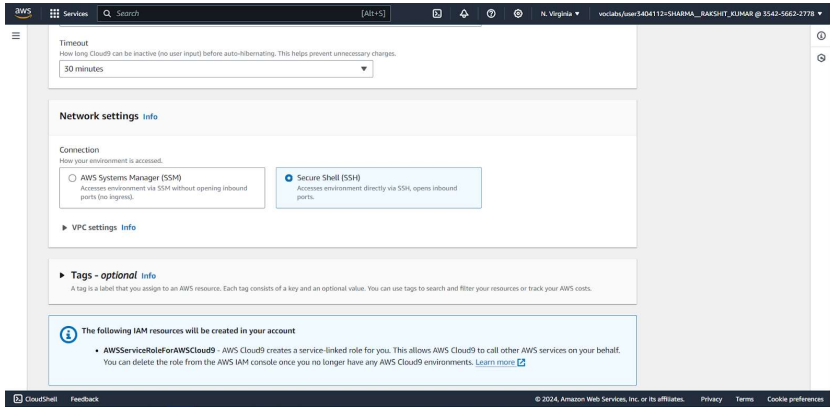


2. Enter the name and other required configuration for creating an environment. In network settings, using the AWS system manager gives an error while creating the environment. It states there was an error creating IAM resources needed for SSM.

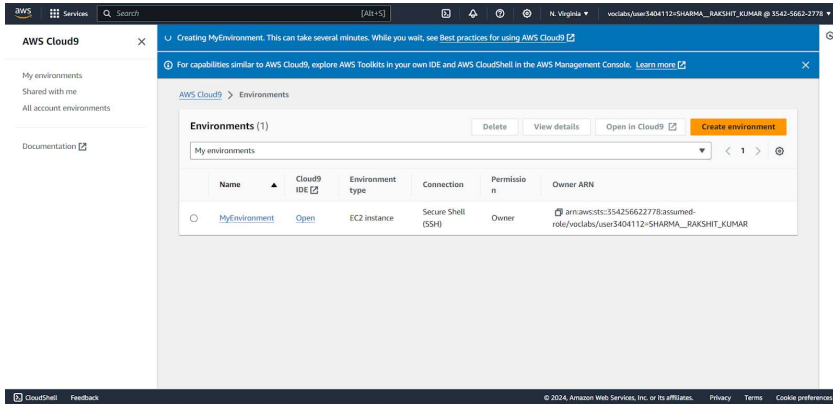




3. Use the Secure Shell option in Network settings.



4. Once the configuration is complete, click on create environment to create a Cloud9 environment.



5. Click on the environment name to open the created Cloud9 Environment.

