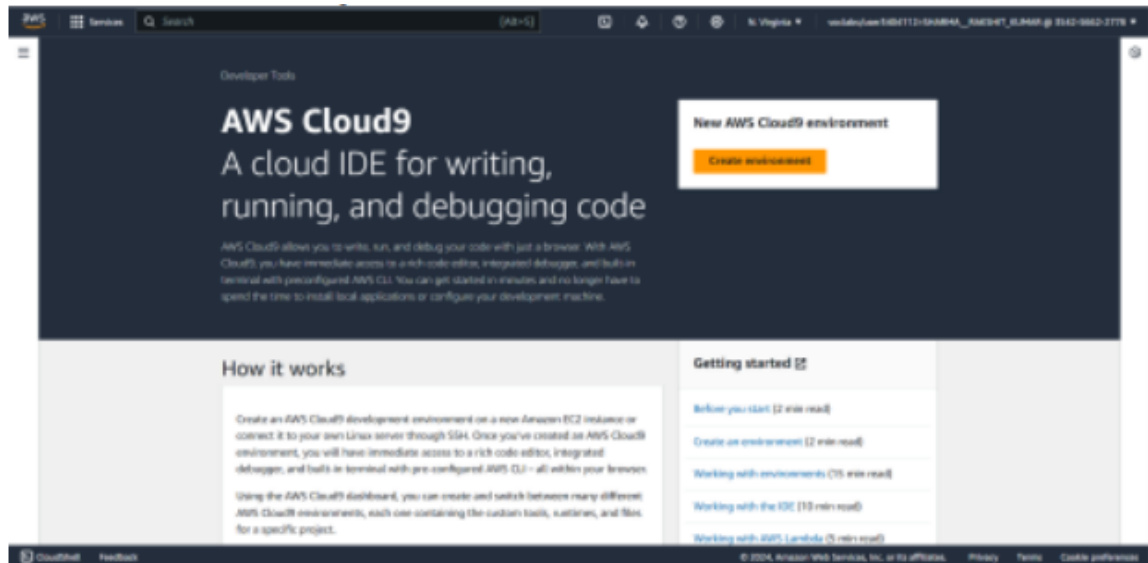
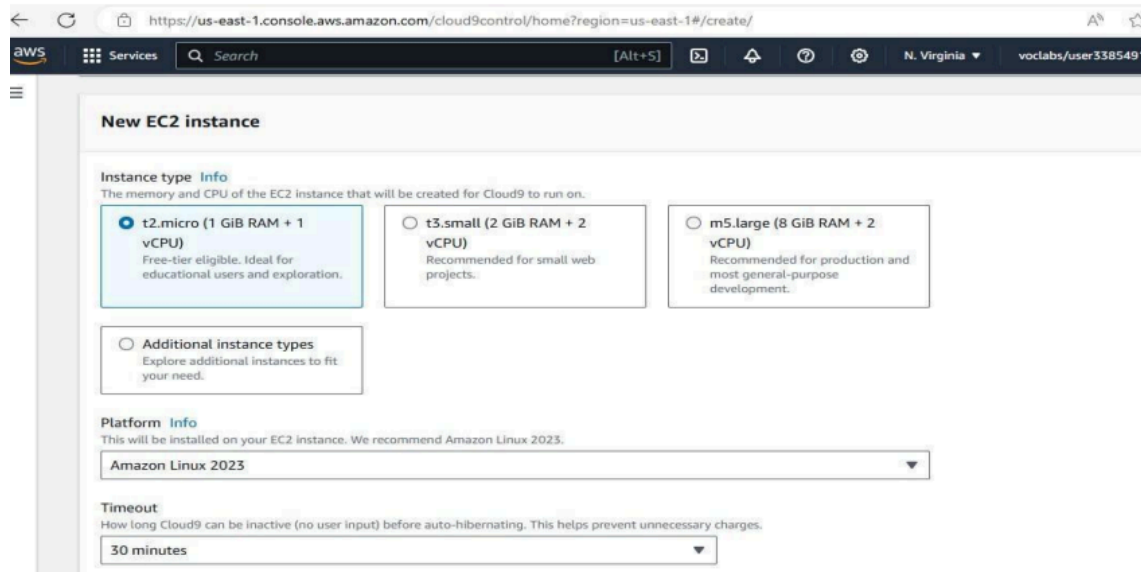


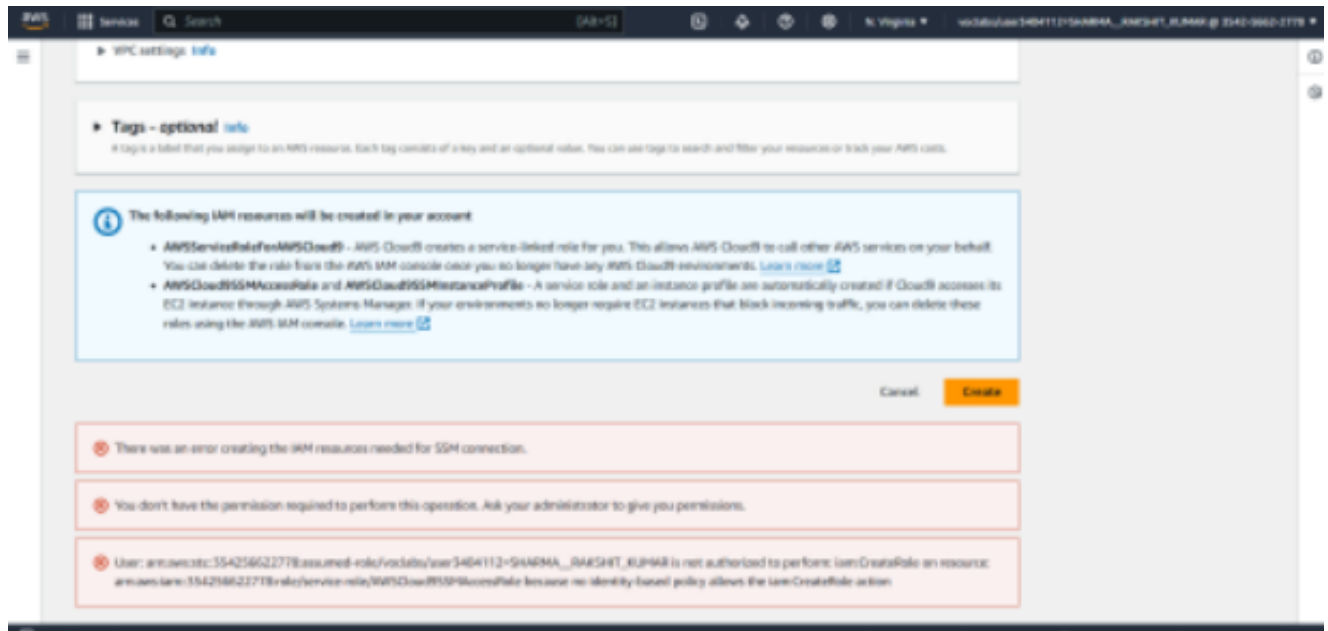
Experiment 1B: IAM and cloud9

1.Open the AWS account and search for Cloud9.

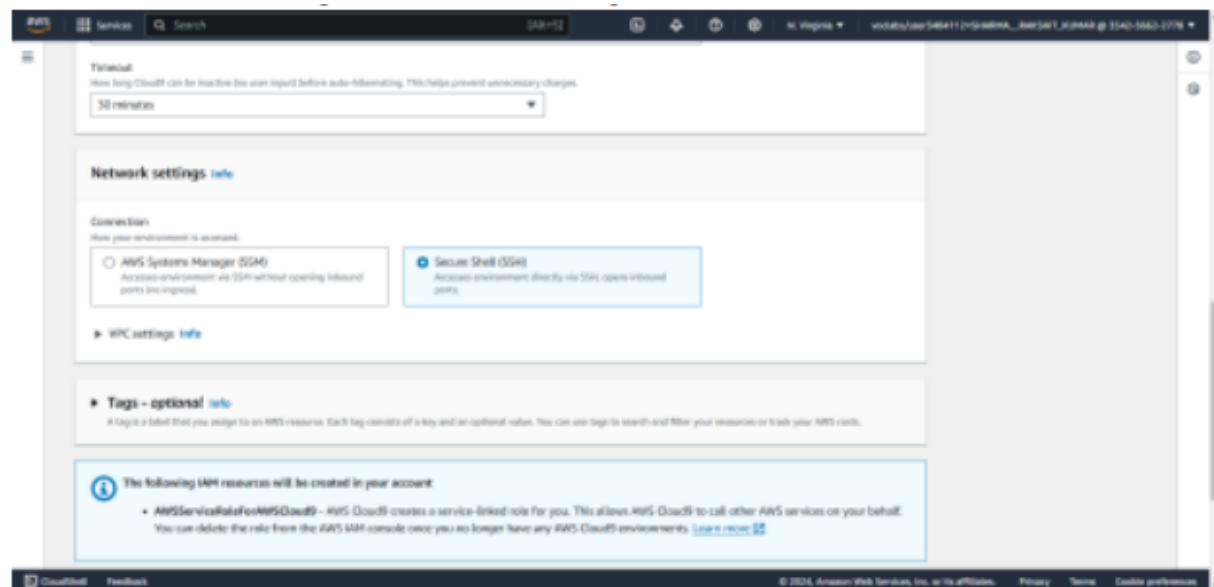


2. Enter the name and other required configuration for creating an environment. In network settings, using the AWS system manager gives an error while creating the environment

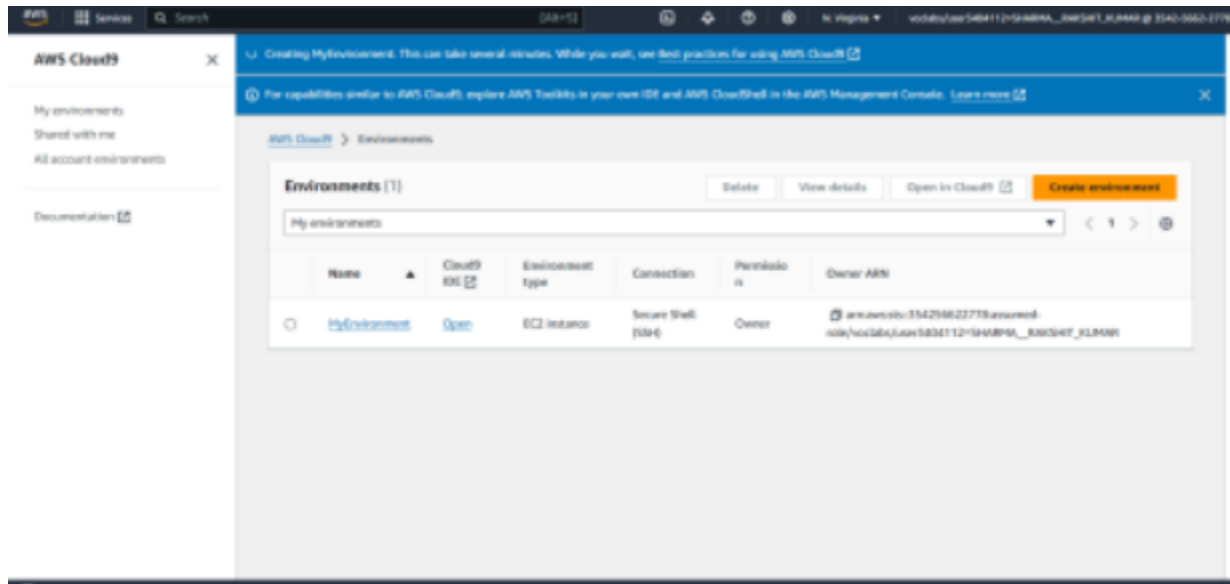




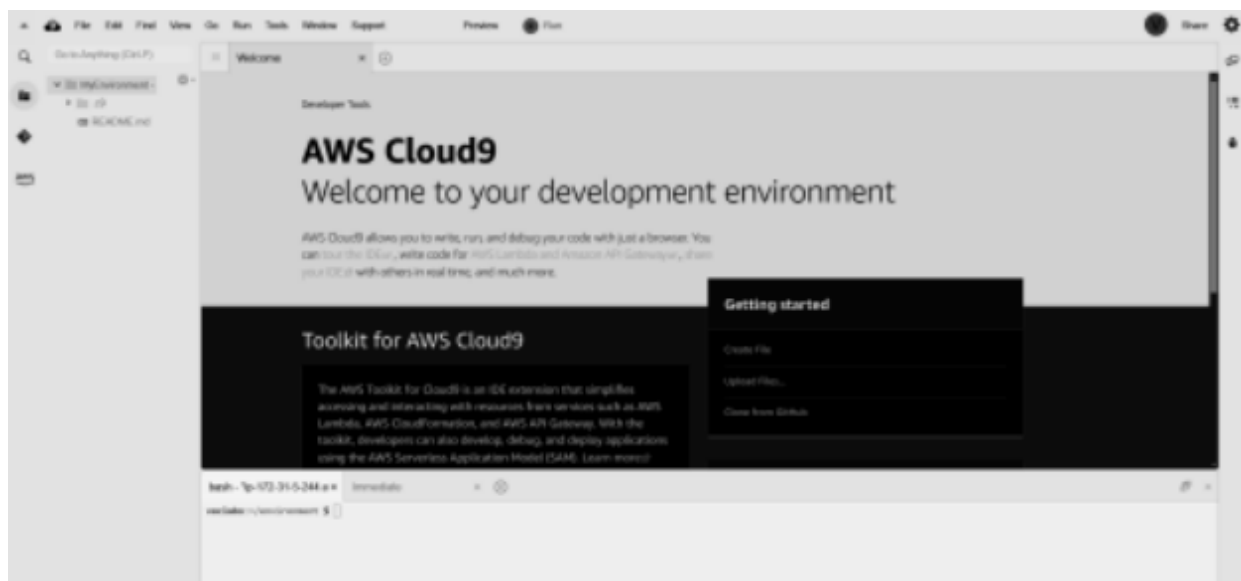
3. Use the Secure Shell option in Network settings.



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

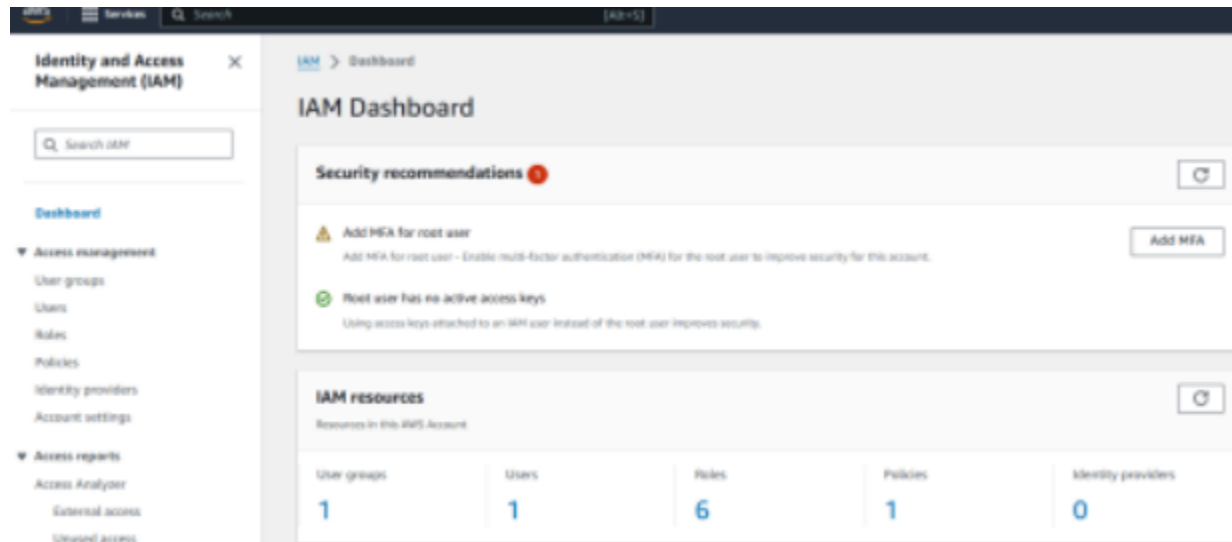


5. Cloud9 Environment.is opened when u click on the environment name



IAM user creation steps

1. Open the aws account and search for IAM in service.



2. Select the users option from the left panel and click on create user button. Give the user name



3. Click the add user option if you don't have an existing user group

Maximum 128 characters. Use alphanumeric and '+','=','@','_','-_' characters.

Permissions policies (951)

Filter by Type

Search

All ty...

< 1 2 3 4 5 6 7 ... 48 >

<input type="checkbox"/>	Policy name	Type	Use...	Description
<input type="checkbox"/>	AdministratorAccess	AWS managed ...	Permis...	Provides full access to AWS services
<input type="checkbox"/>	AdministratorAcce...	AWS managed	None	Grants account administrative perm
<input type="checkbox"/>	AdministratorAcce...	AWS managed	None	Grants account administrative perm

Cancel Create user group

Similarly, create a new group and provide a suitable name for them. Include the IAM users in this group together for our convenience, that is, to provide similar kinds of permissions to the entire group rather than an individual user

MSBCLOUD9 user group created.

Review and create

Step 4

Retrieve password

☒ Add user to group
Add user to an existing group, or create a new group. We recommend using groups to manage user permissions by job function.

☐ Copy permissions
Copy all group memberships, attached managed policies, and inline policies from an existing user.

☐ Attach policies directly
Attach a managed policy directly to a user. As a best practice, we recommend attaching policies to a group instead. Then, add the user to the appropriate group.

User groups (1/1)

Search

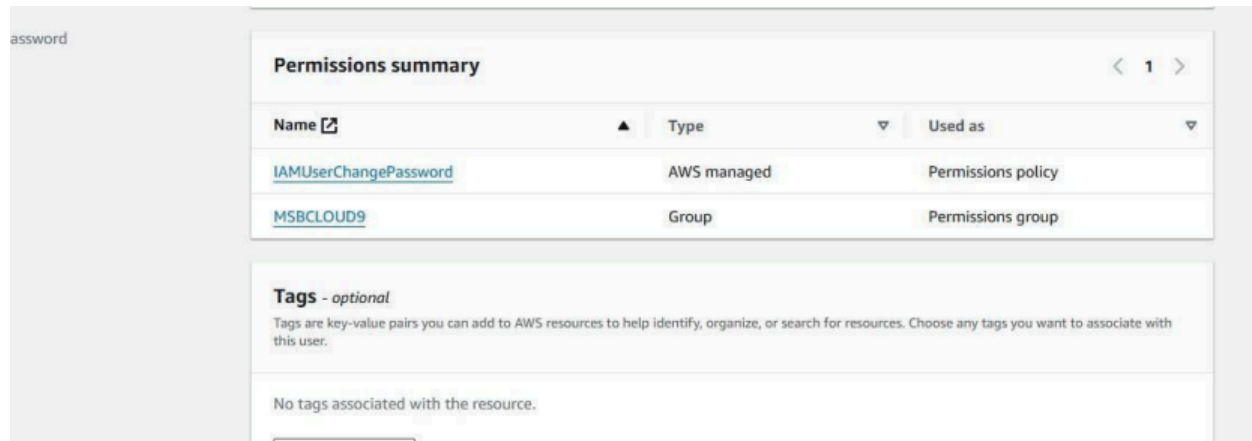
< 1 >

<input checked="" type="checkbox"/>	Group name	Users	Attached policies	Created
<input checked="" type="checkbox"/>	MSBCLOUD9	0	-	2024-07-29 (Now)

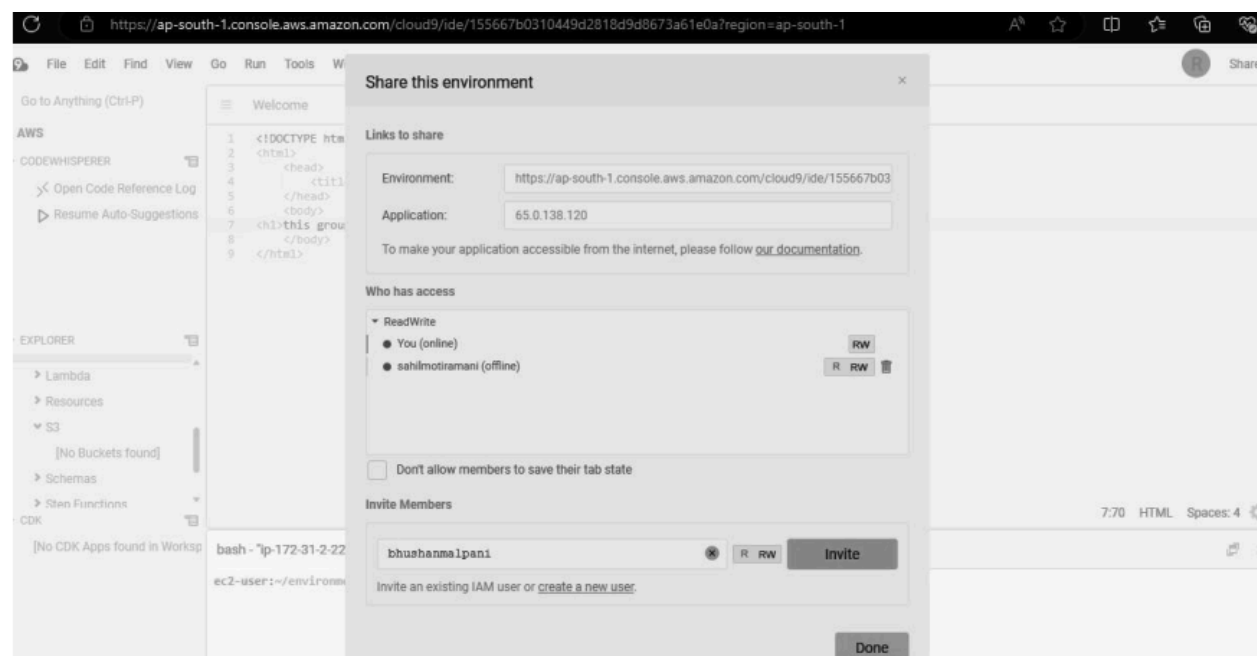
► Set permissions boundary - optional

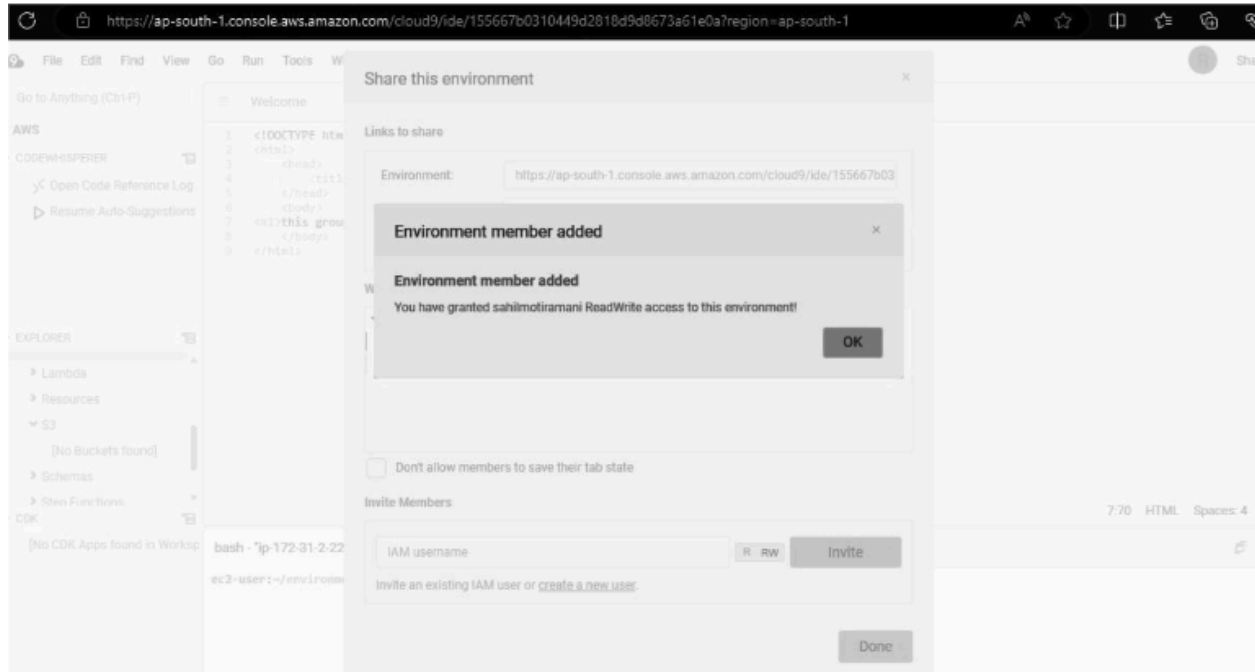
Cancel Previous Next

The user has successfully been created i.e. There is a custom-made username and a password for the IAM user



Go back to the cloud9 environment. Click on the share this environment option so as to allow other collaborators to access your environment. Include your newly made IAM user in this environment and enable Read/Write permissions for it.





Further, we are supposed to login from another browser using the credentials of the IAM user, to access the shared cloud9 environment with us. These steps could not be completed because Cloud9 services have been disrupted and there is no access to the IAM user from the remote login.