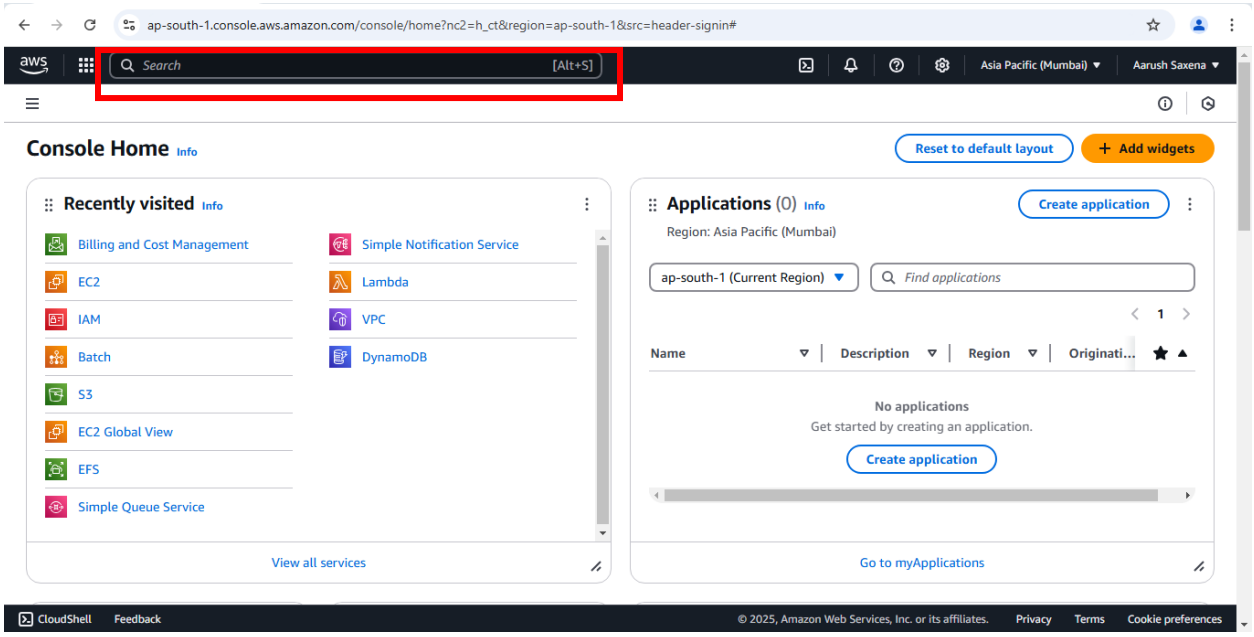
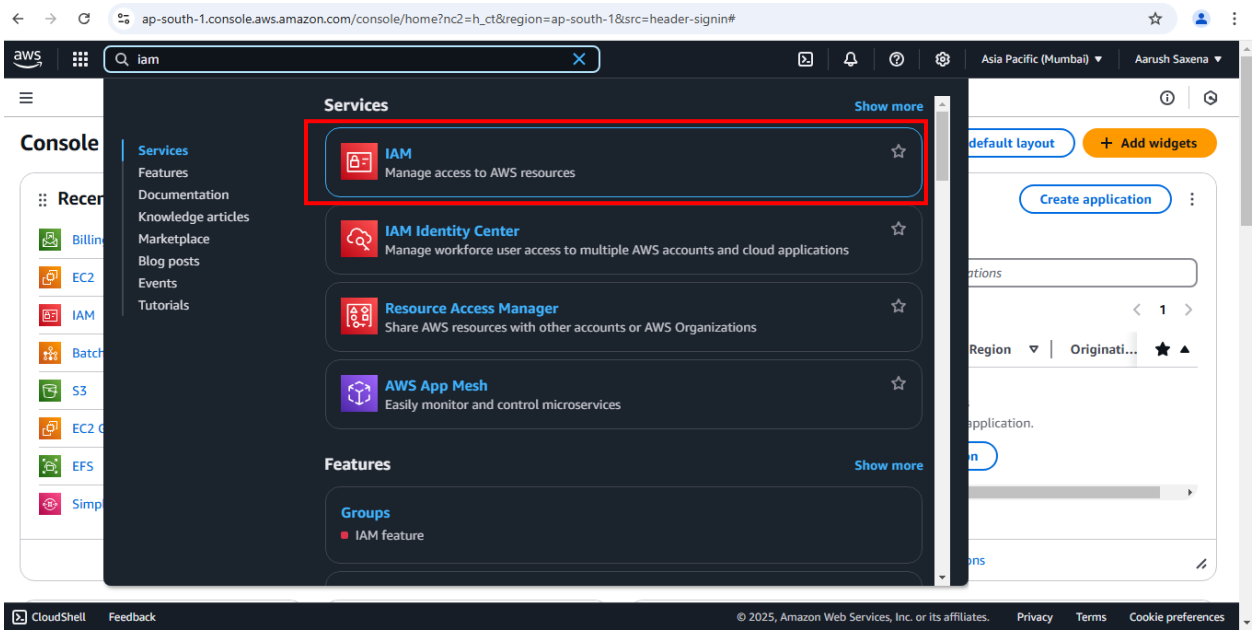
Difference between IAM user with admin permission and root user

Root user	IAM user with admin permission
1. Have access to change name Of users.	Cannot change name of users.
2. Permission of account close.	Cannot have permission of closing of account.
3. Has account information Permission	Do not have account information permission.
4. Can access bills and Payments	cannot access bills and payments
5. Can change contact Information	cannot change contact information
6. Can change account settings	cannot change account settings

lets see through example as given below.

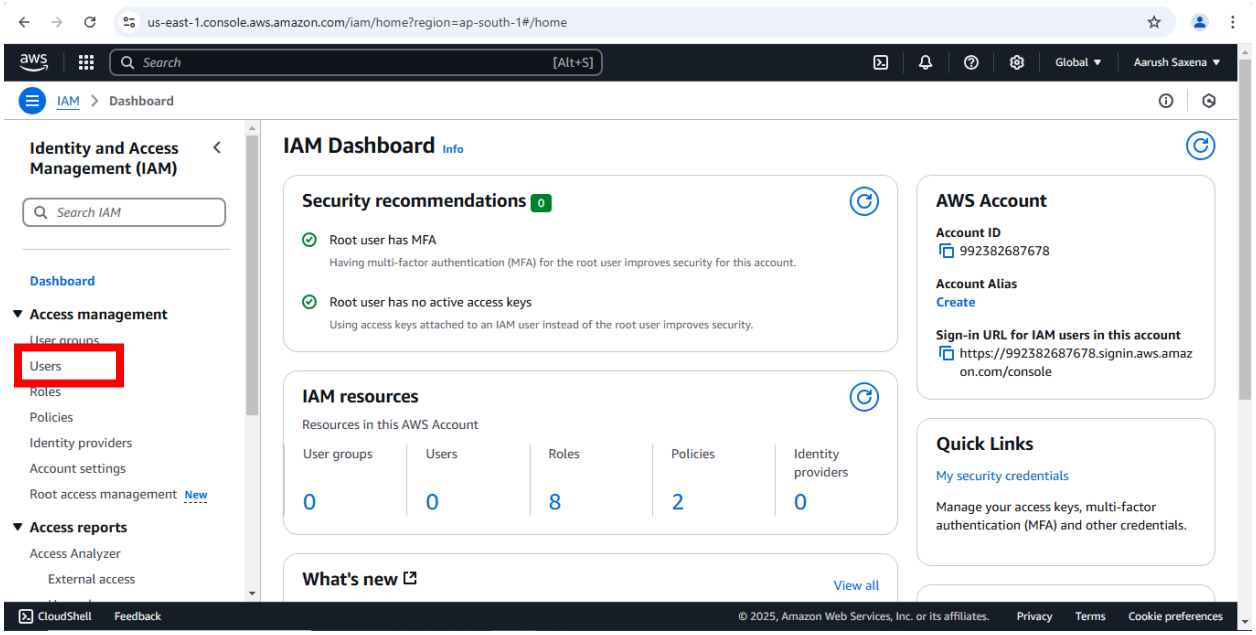
Step1: Log-in to your aws account and search for IAM from the searchbar and click on it.



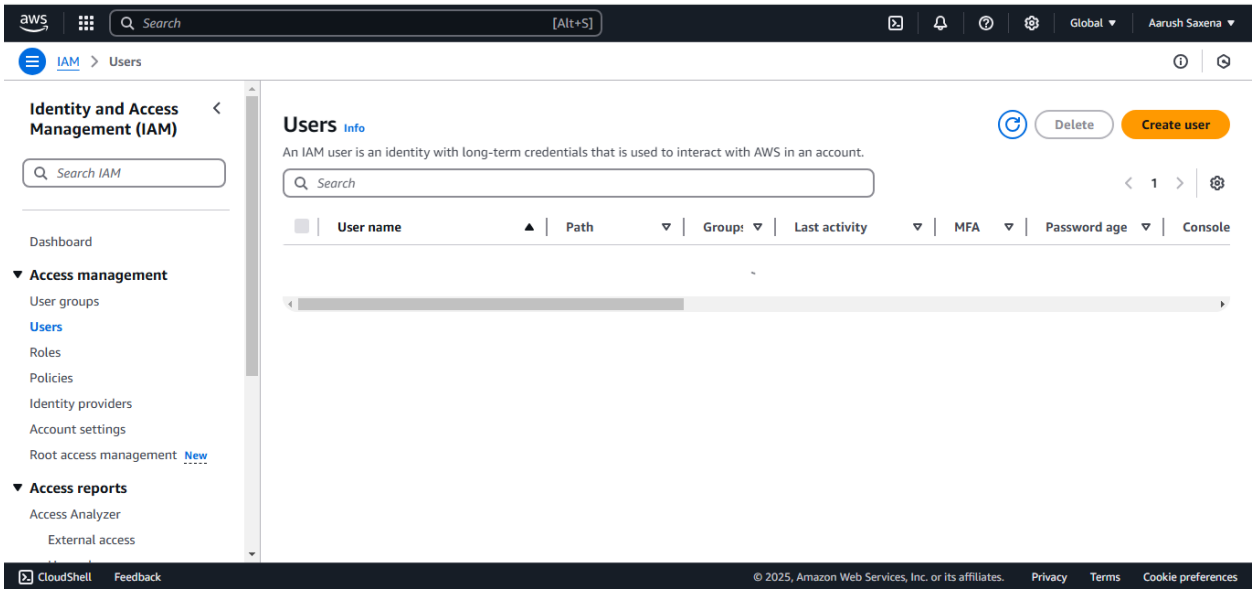


After clicking on it console will appear as shown in image given below.

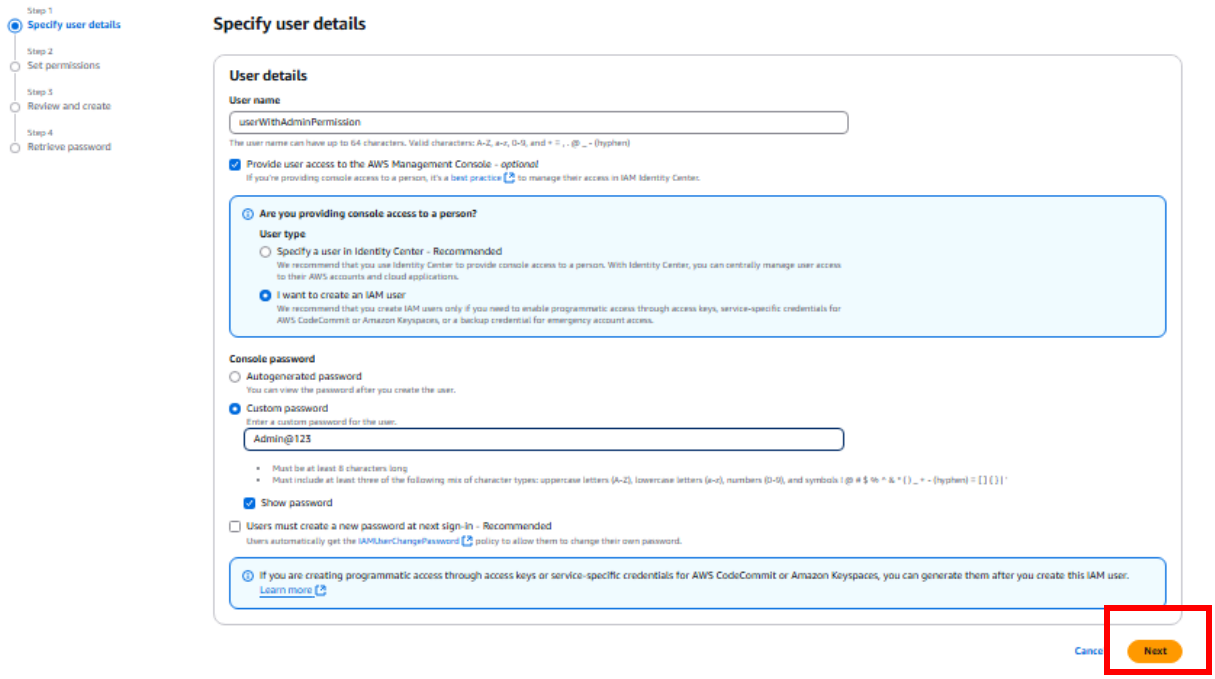
From there search for users and click on it.



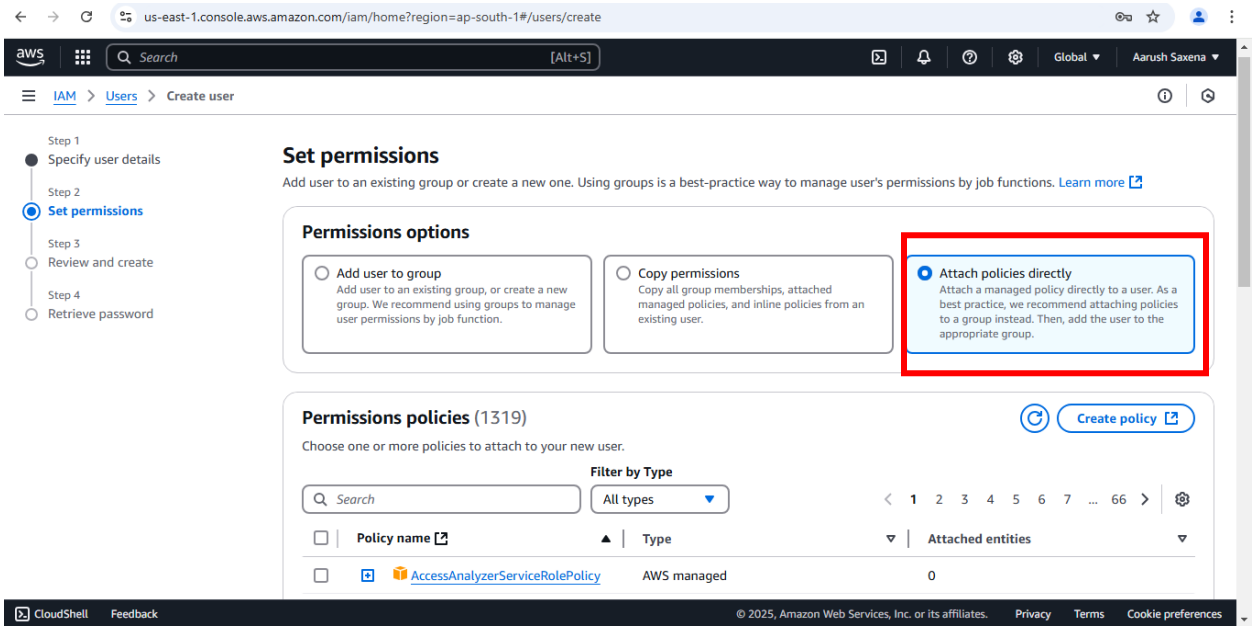
After clicking on it console will appear like this and click on create user.

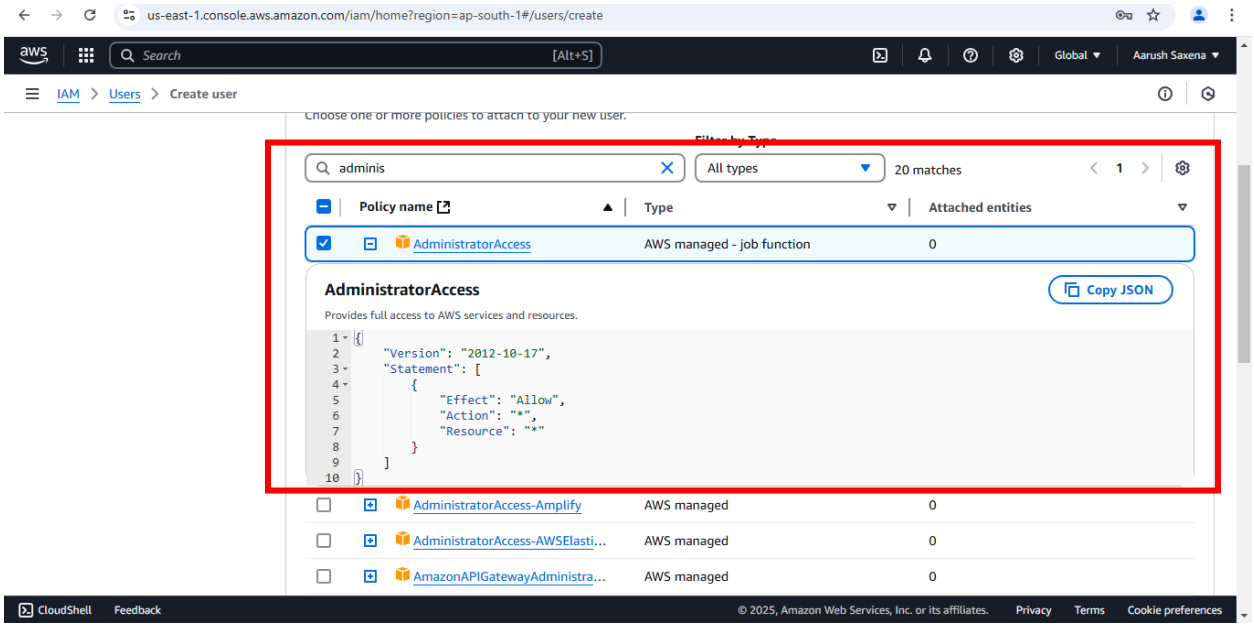


Give name to your user as we specified it as userWithAdminPermission and check Provide user access to the AWS Management Console, remember to uncheck the Users must create a new password at next sign-in – Recommended so that IAM admin user cannot change password

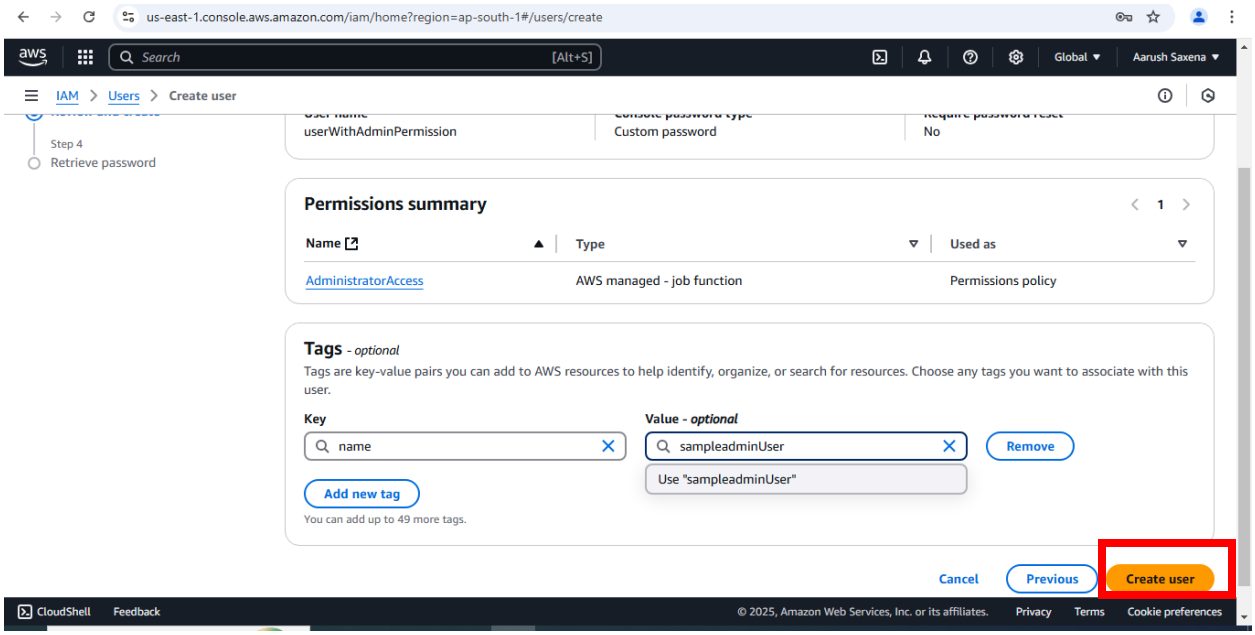


After clicking on next window will appear as shown in image given below from there select attach policies directly and give Administrator Access permission options and click on next.

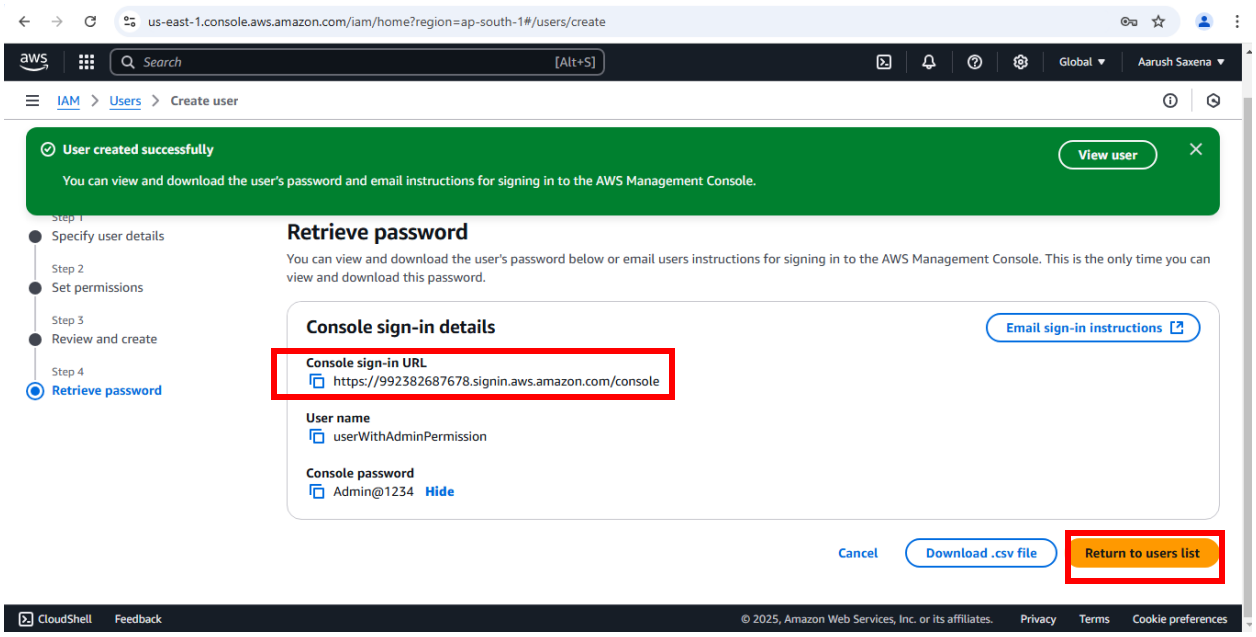




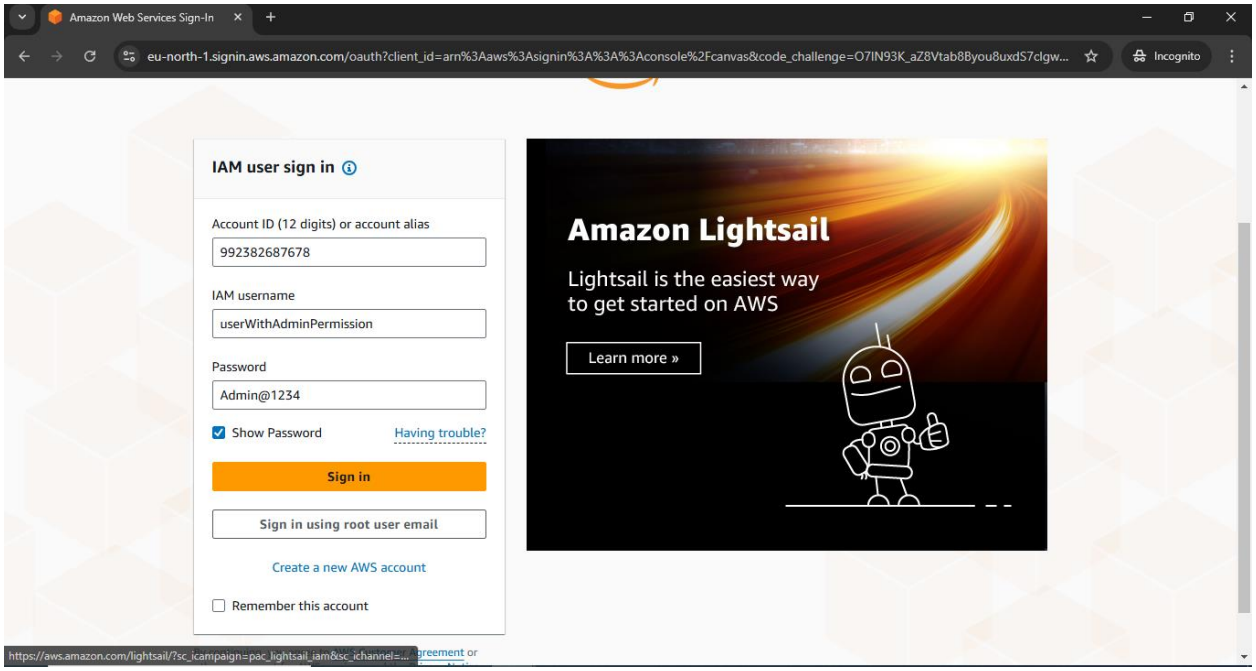
You can provide tag for easy to read or access and click on create user.



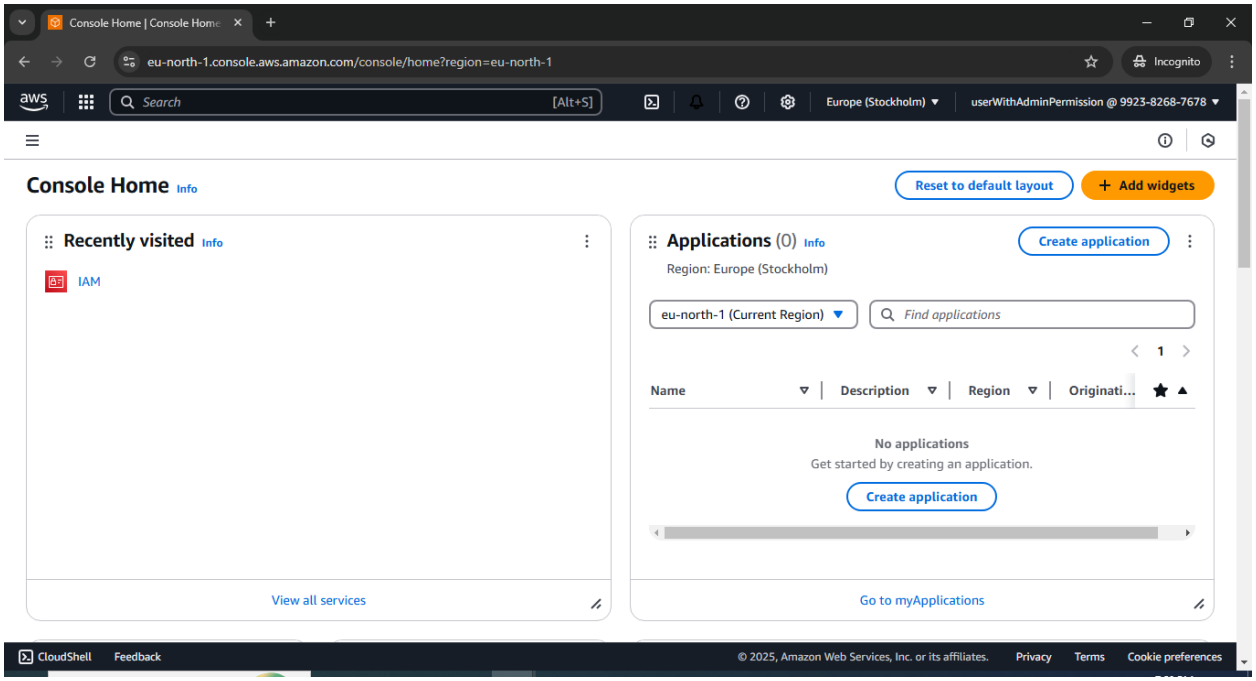
A window will appear as shown in image below after creating user from there download the .csv file so that it become convenient to store or transfer details to IAM user.



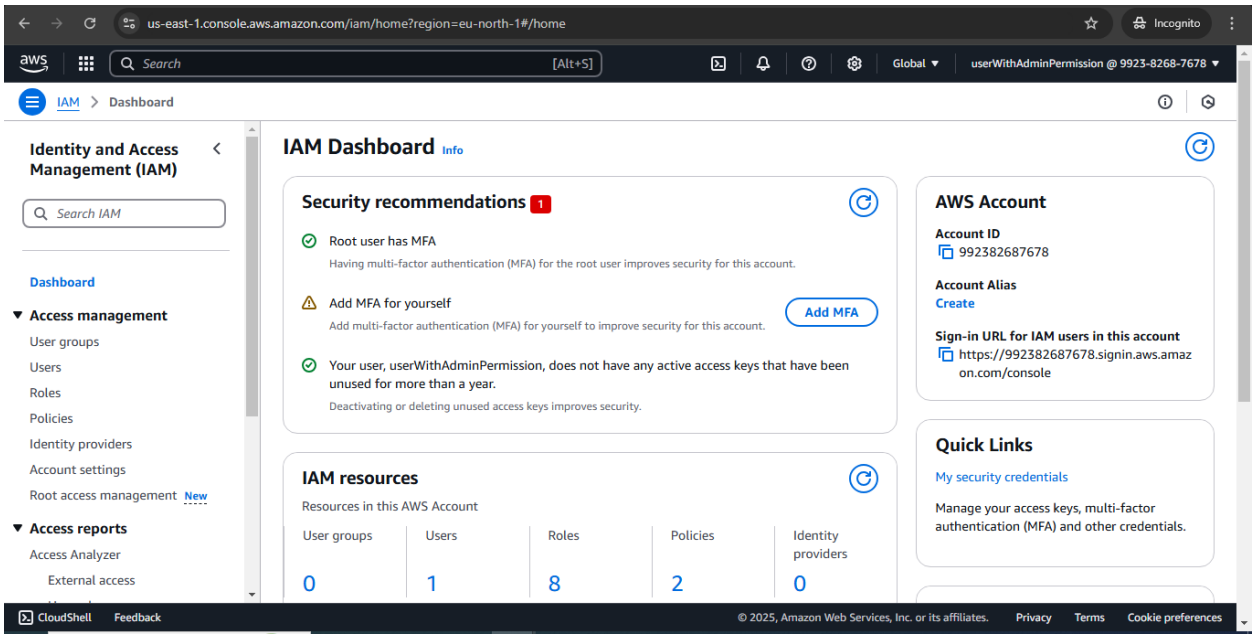
Copy the console sign-in url and paste it to browser.



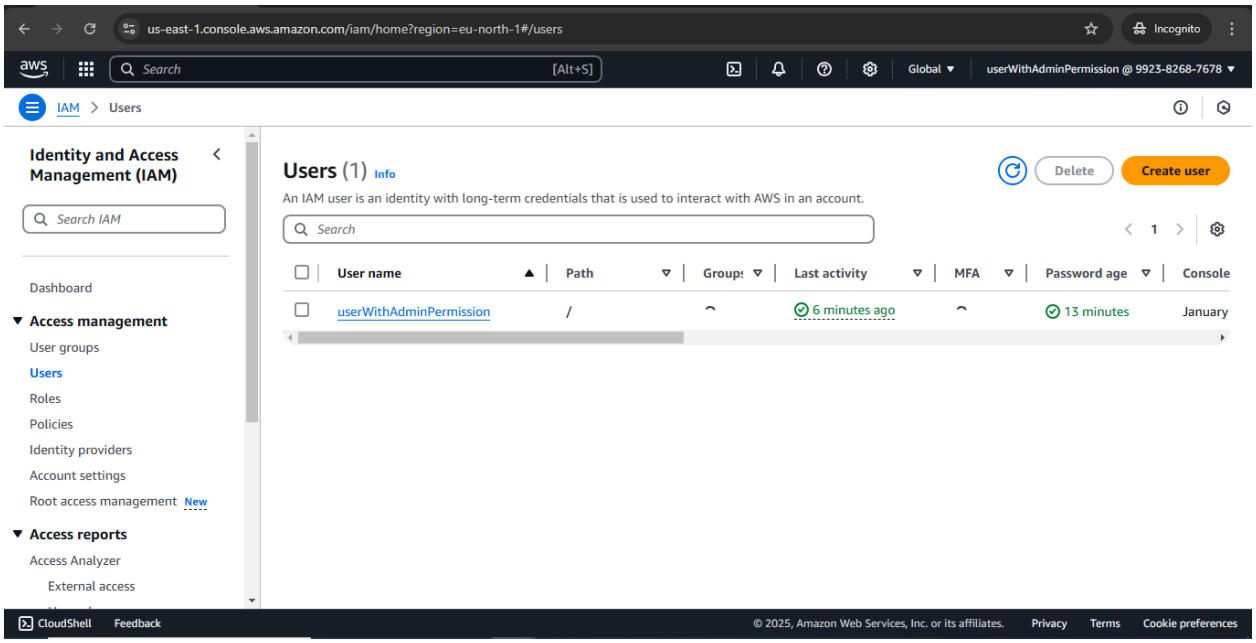
So we can see we can access the console now we will go and try that can we make iam users and try to make EC2 instances.



So we can see we can access the IAM dashboard and can add MFA to our account to. Now try to create an iam user from Admin iam.



When you click on roles you will see an interesting thing as shown in image given below.



As image shown above you can see that the user created by root user we can see about it and can delete it too.

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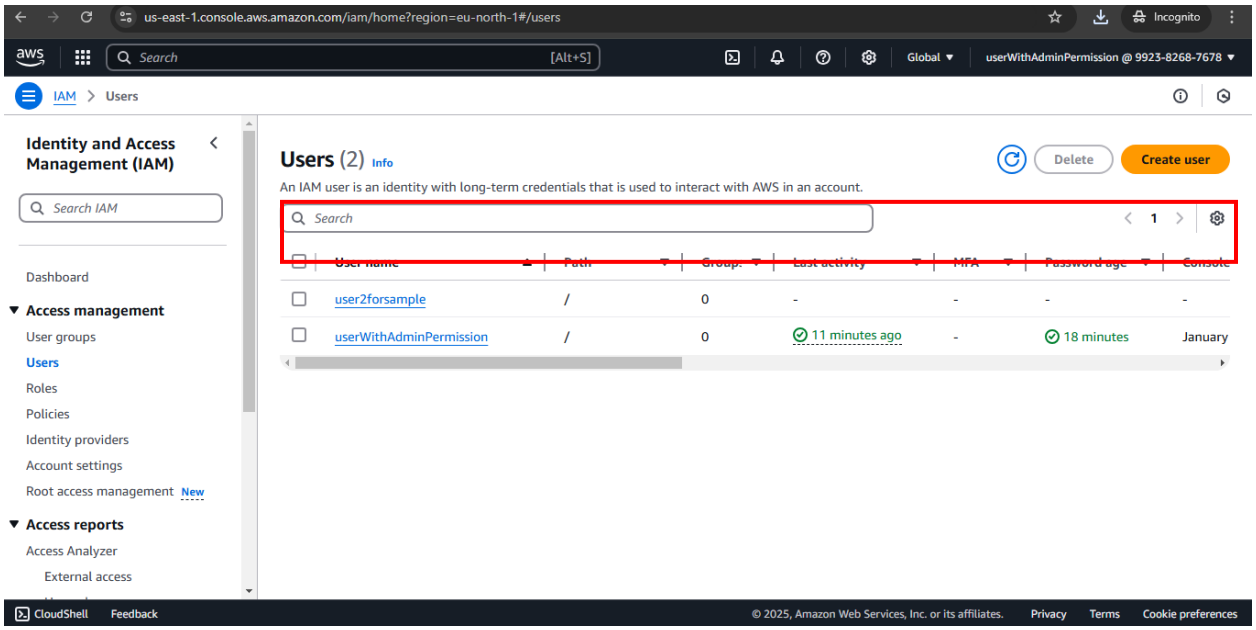
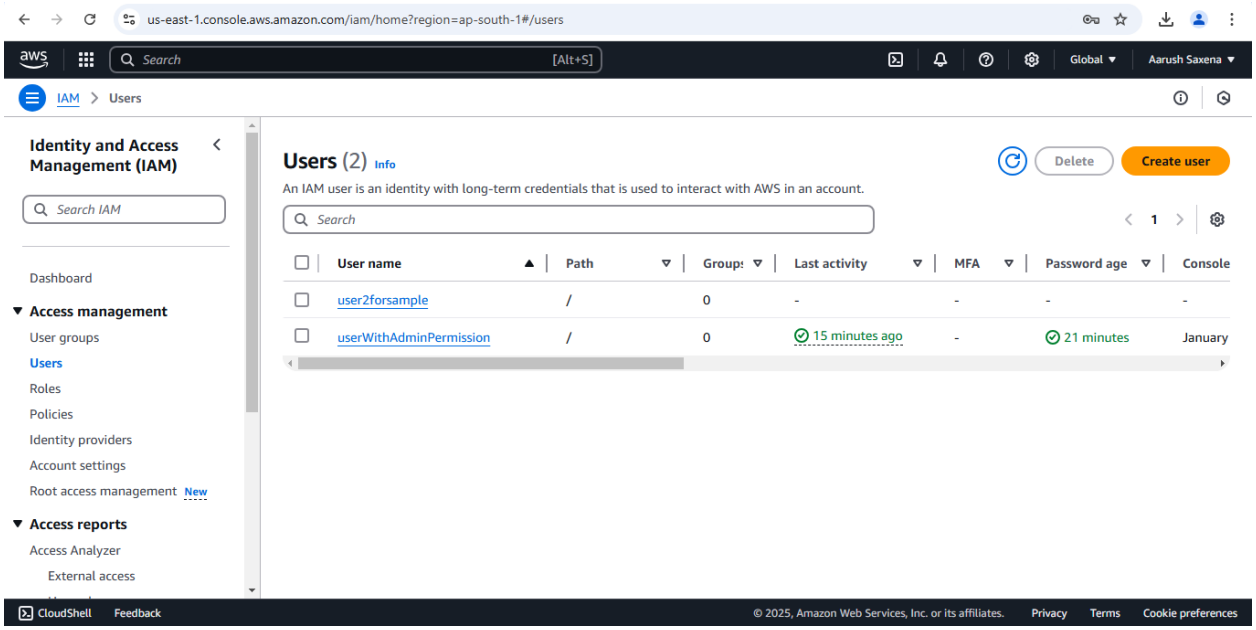
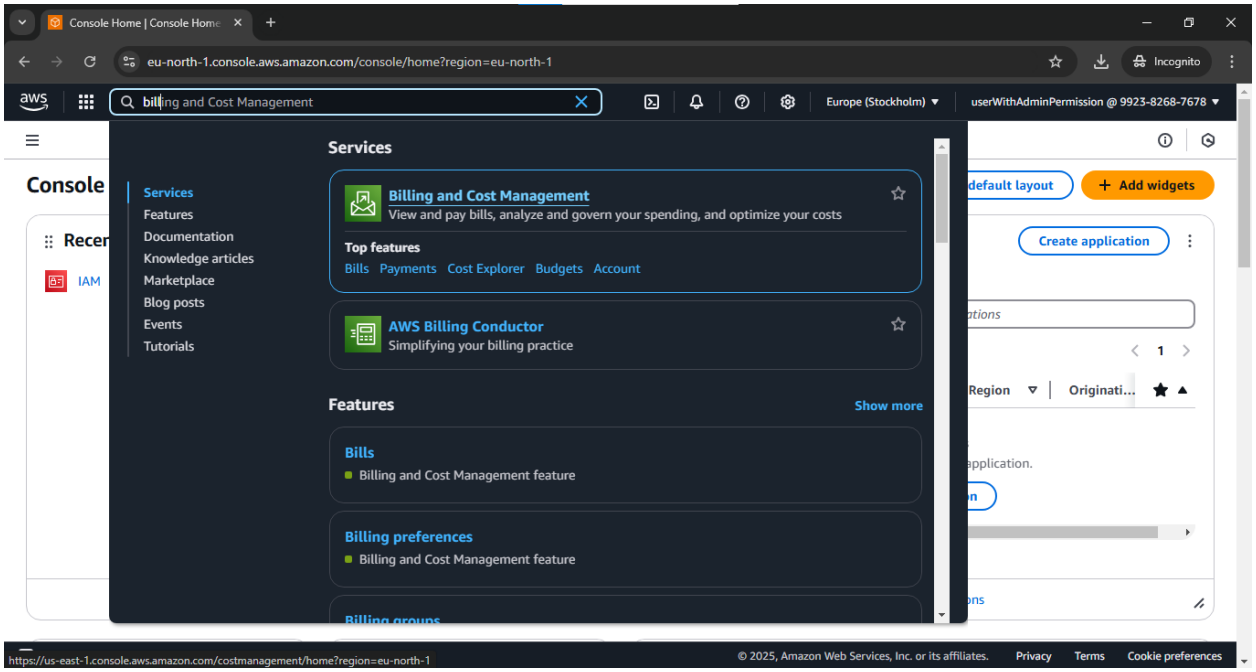


So we can create user with EC2 full access permission and we can see through image that we can create it.

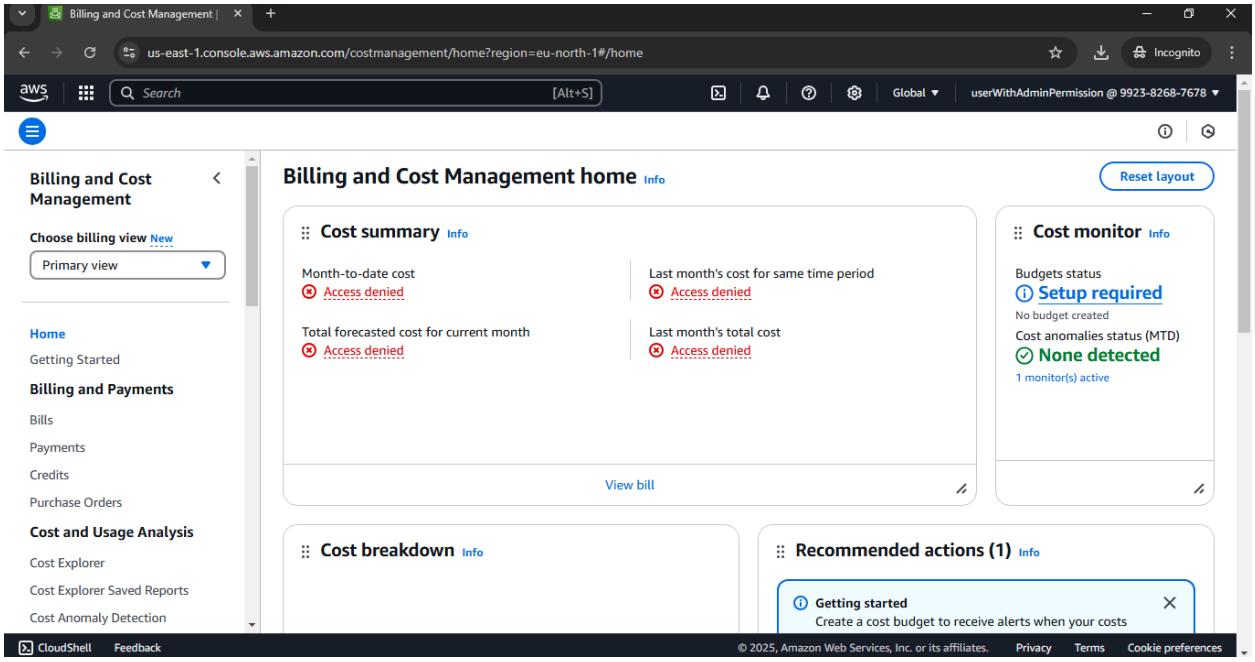
In the main root user account you can see about another user.



Go back to console and search for bills and payments.



If you go to billing and cost management you can see that you do not have access to it and a message will appear as access denied as shown in image given below.



We cannot change the account settings also with IAM user admin permission