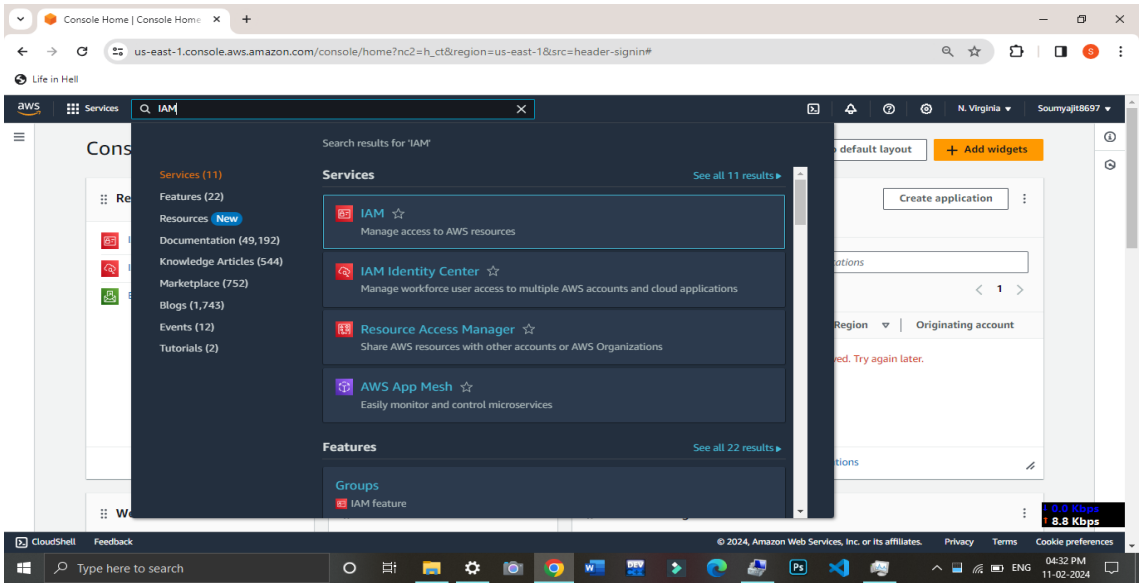
Assignment:3

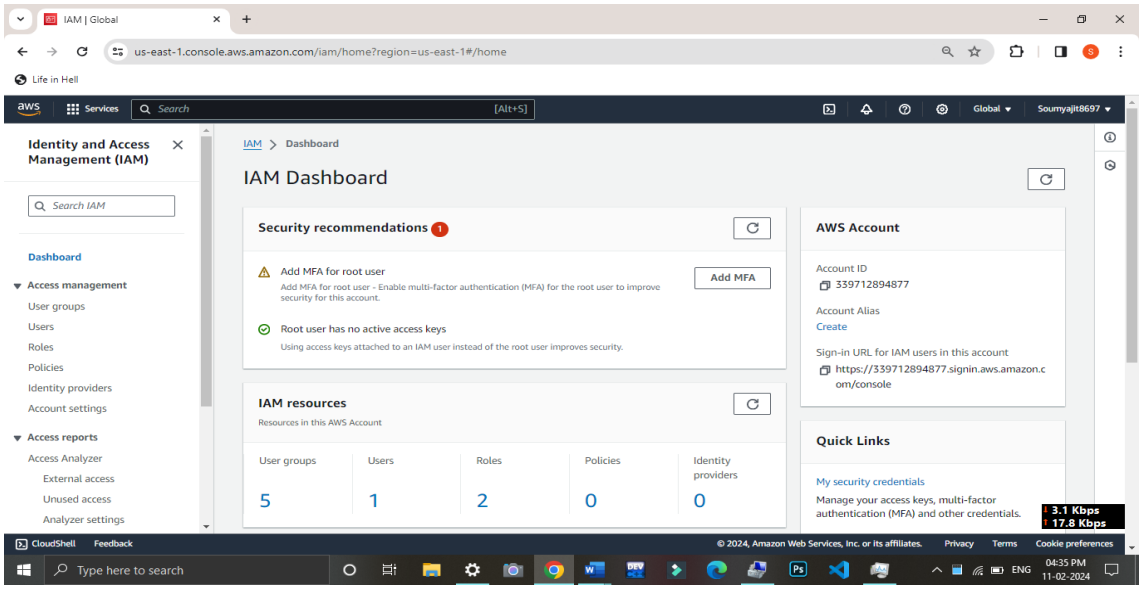
PROBLEM STATEMENT : 1.Create IAM user and give full access to S3.

Creation of IAM user and access to S3.

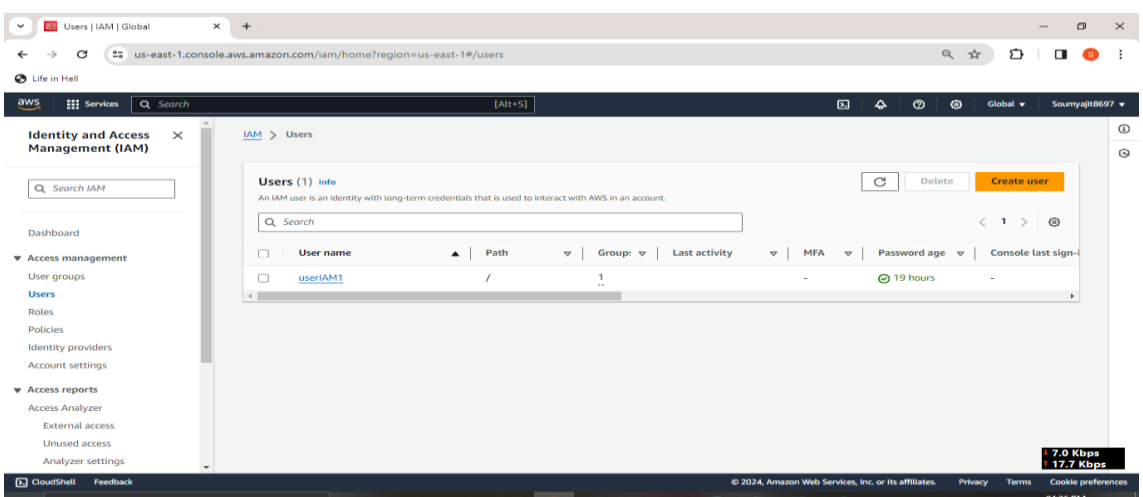
A. Log into AWS console and search for IAM, click on it



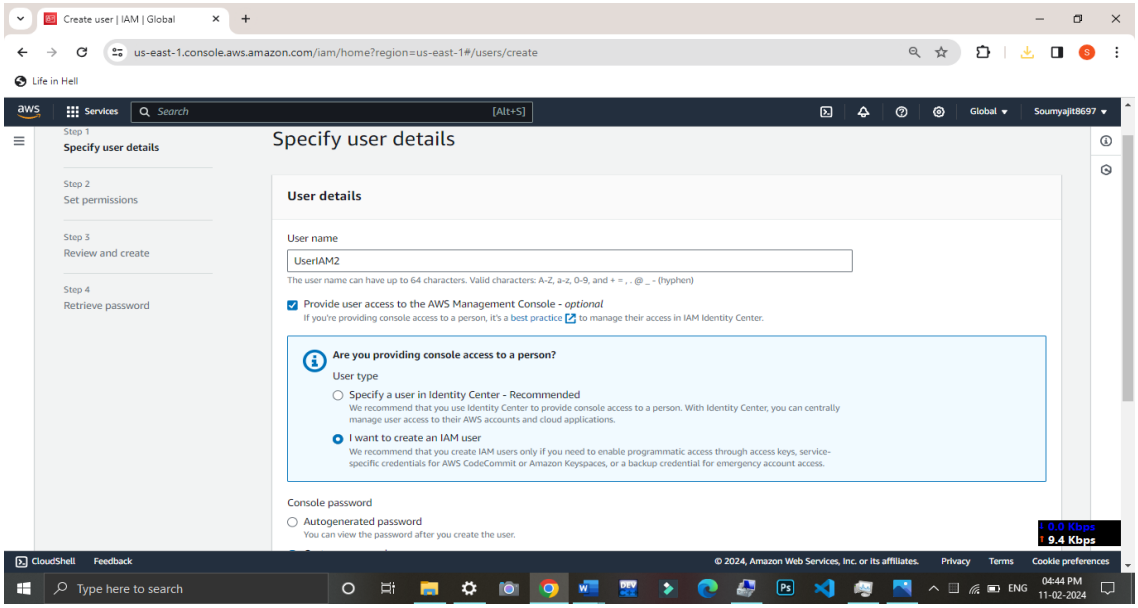
B. Under IAM resources click on ‘Users’.

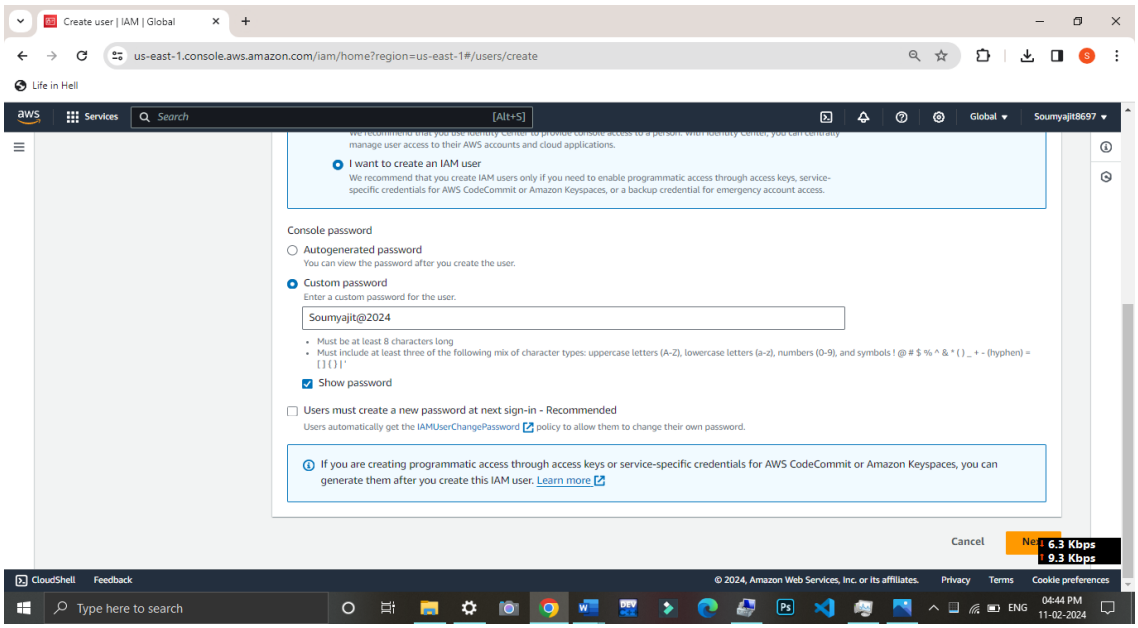


C. Click on ‘Create User’

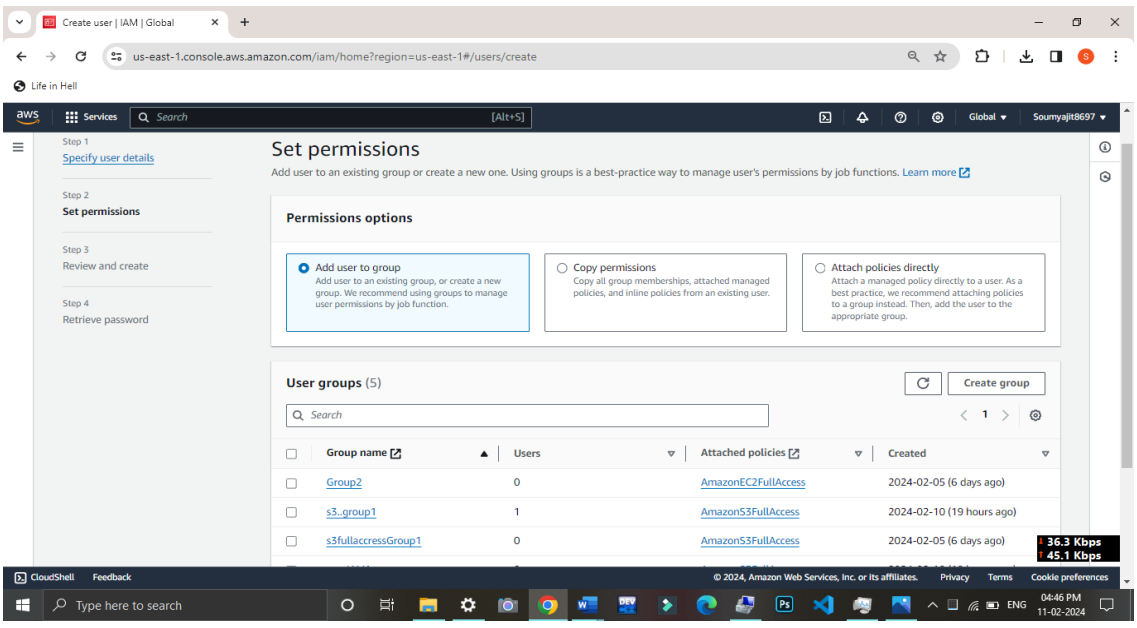


D. Provide ‘User details’, tick off the check box and follow the snapshot given below.

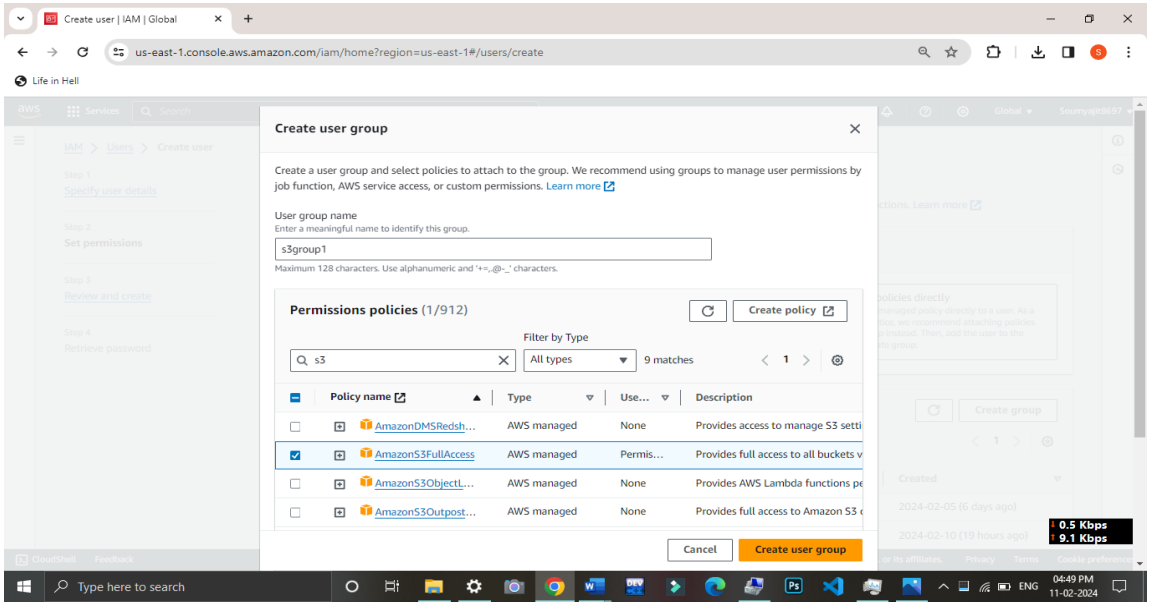




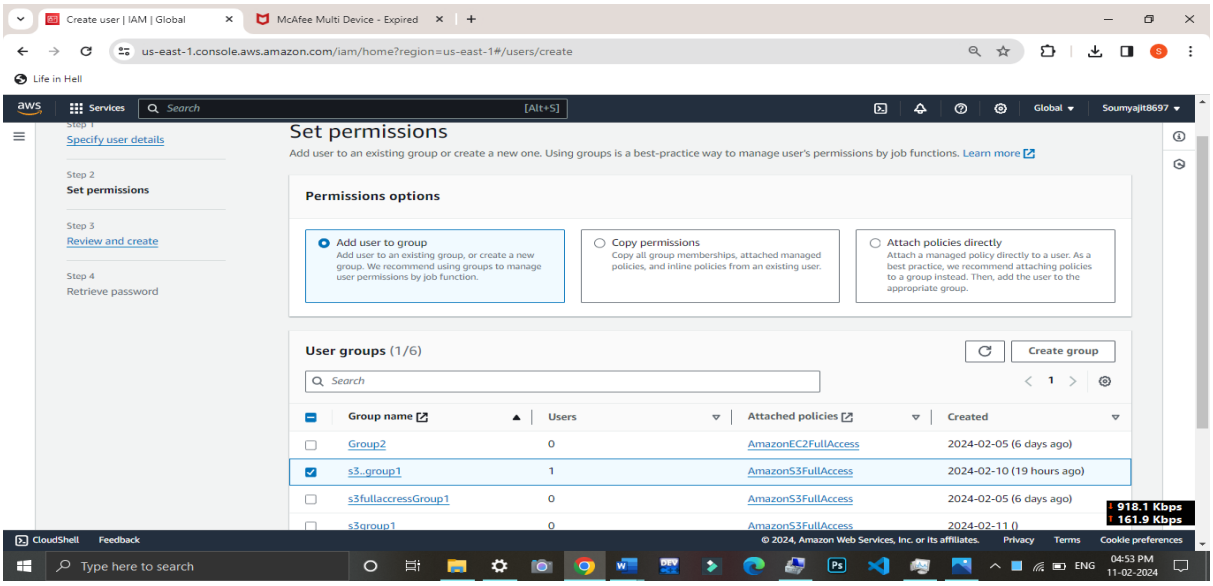
E. Under ‘Permissions options’, click on ‘Add user to group’ and go to ‘Create group’.



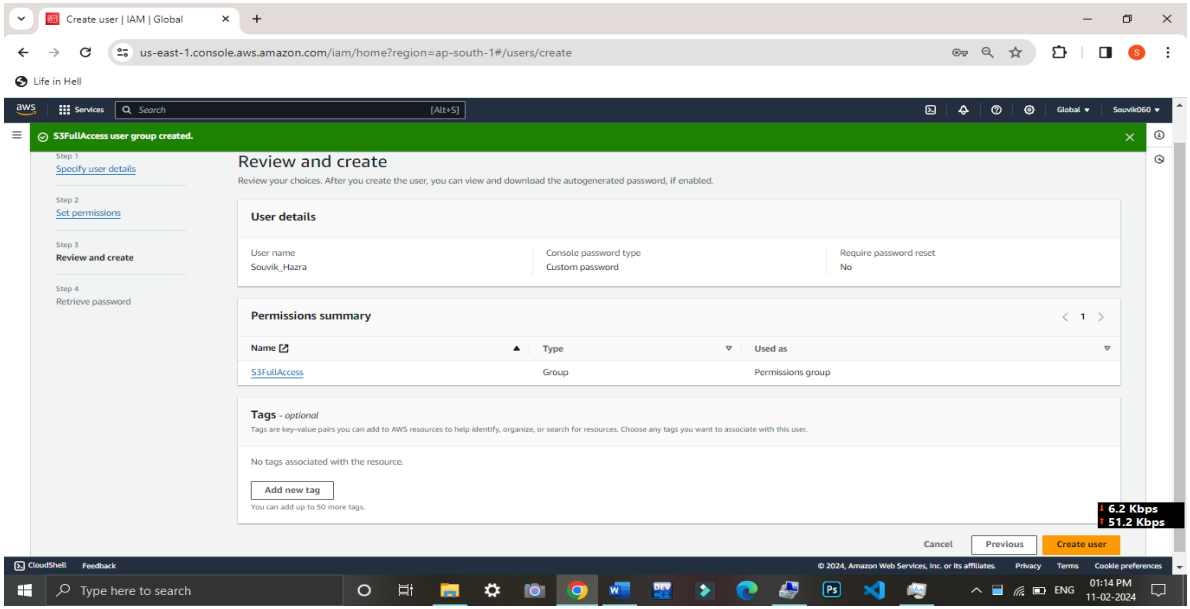
F. To ‘Create user group’, first provide ‘User group name’, then from permission policies search for s3 and choose full access of the particular permission we want to give to that group.



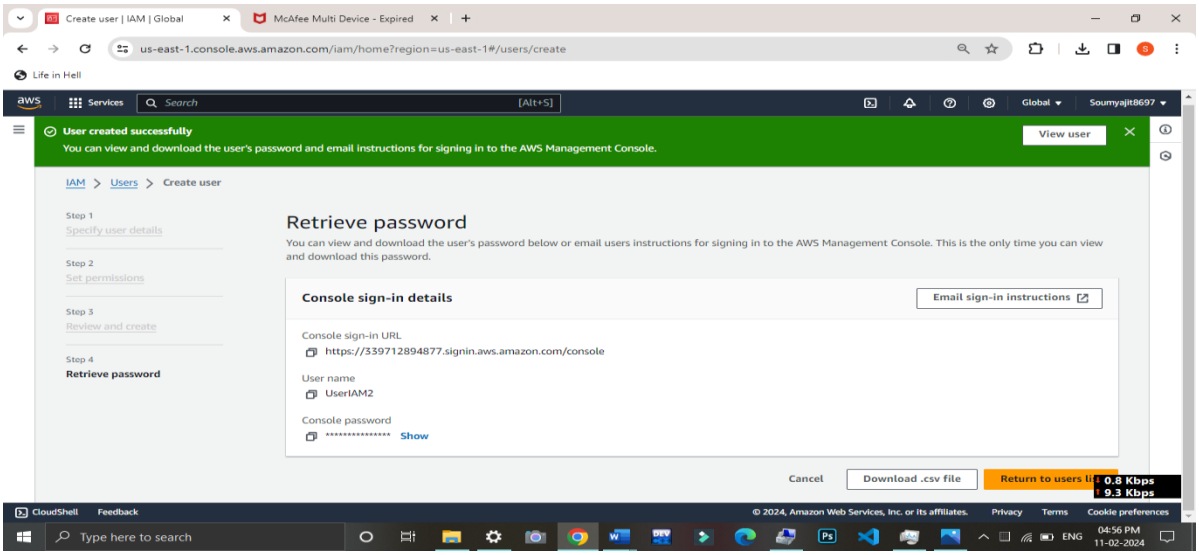
G. ‘S3_group1’ is successfully created, then tick off the checkbox of ‘S3_group1’ in ‘User groups’, so that our IAM user is connected to this group and gets the required permission then click on ‘Next’.



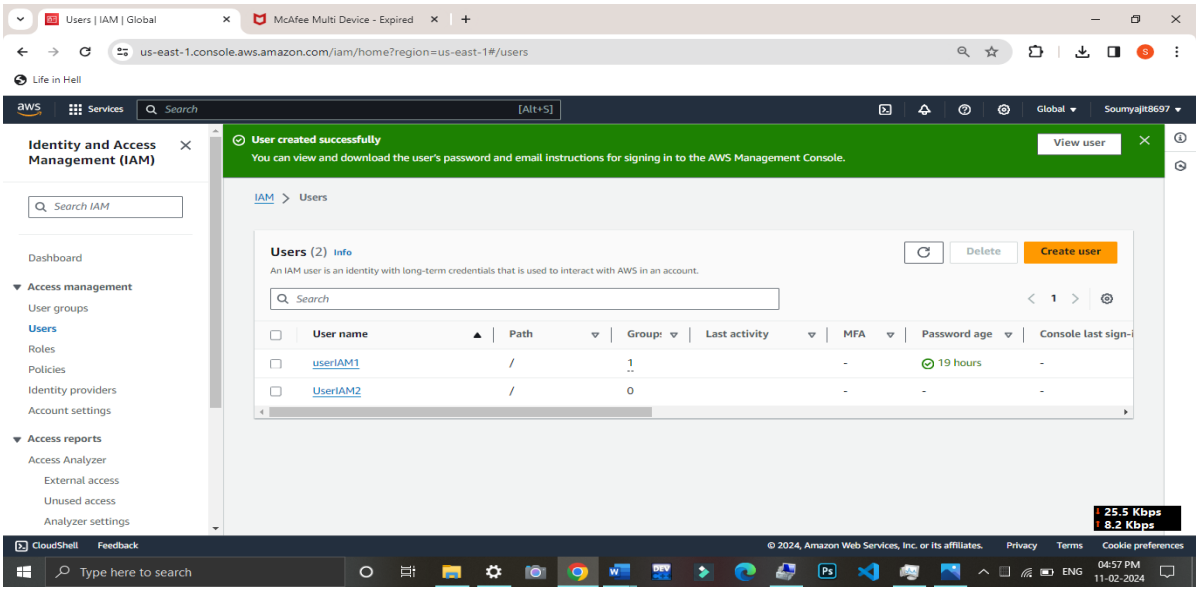
H. Under ‘Review and create’, click on ‘Create user’ to create our IAM user



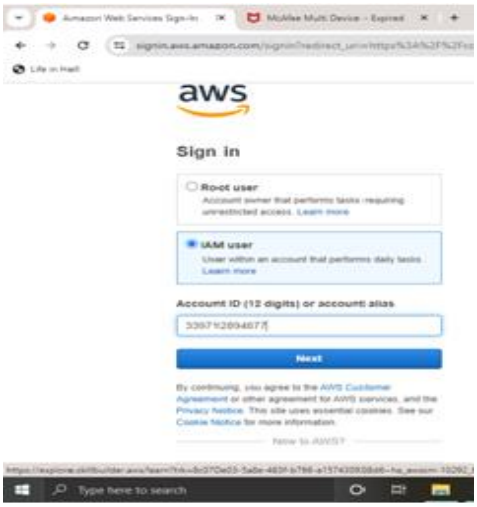
I. IAM user is created successfully and click on ‘Return to users list’

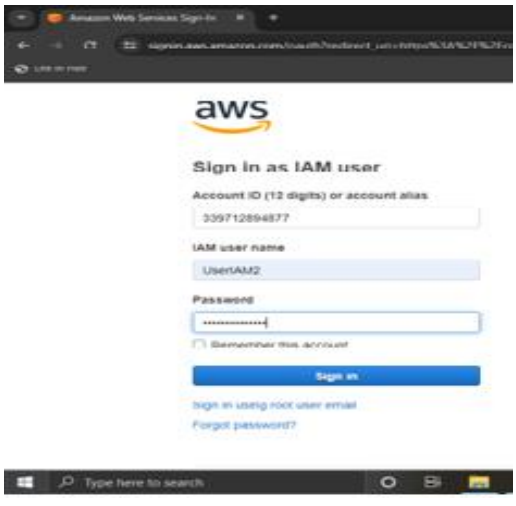


J.‘UserIAM2’ is created successfully and it is shown in ‘Users’

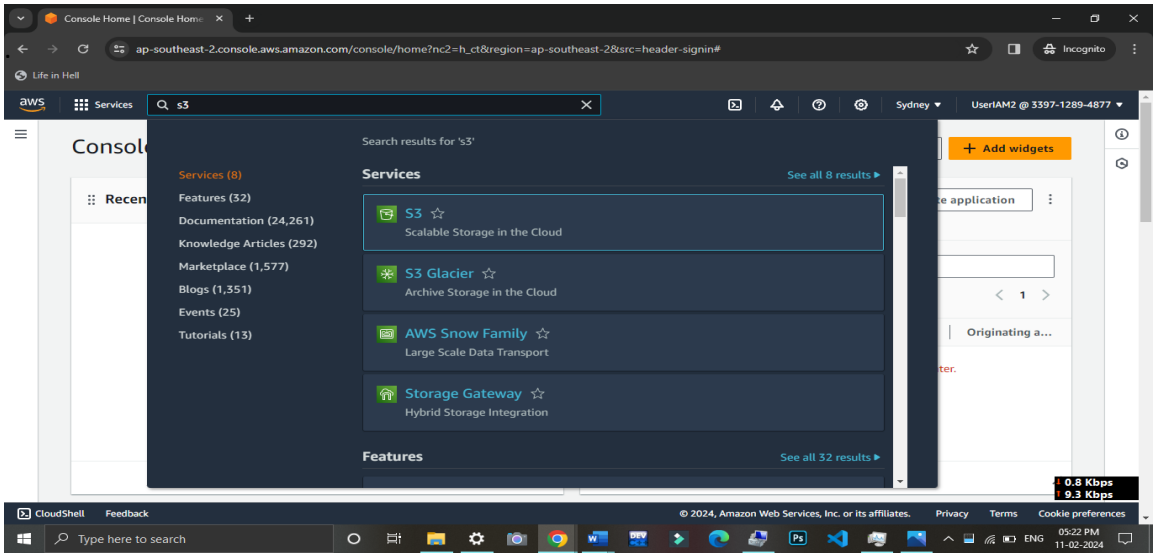


K. Now sign out from root user and open new ‘Incognito mode’, login to AWS console as IAM user with provided account ID, IAM username and password.

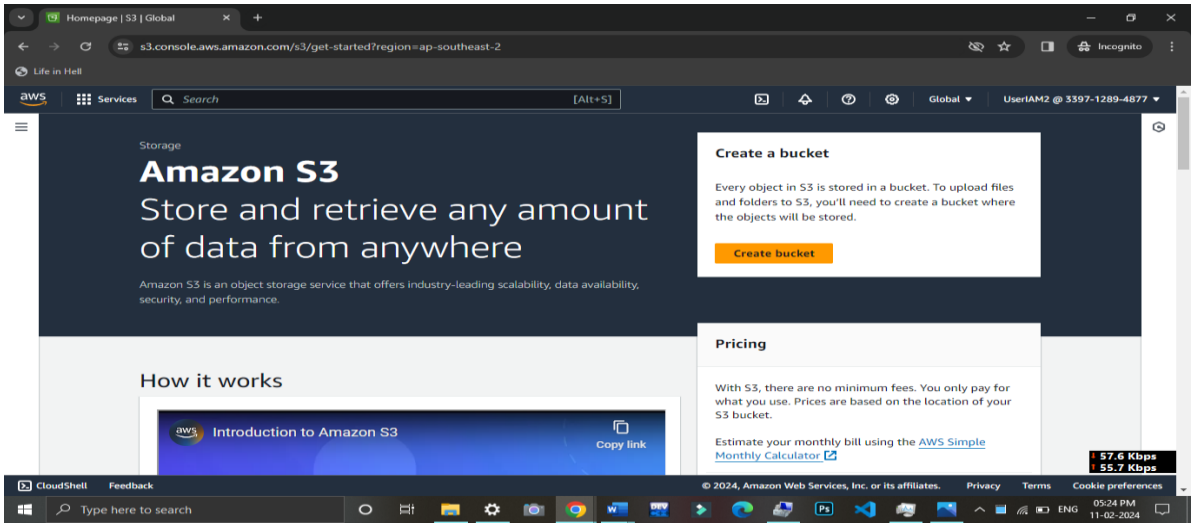




L.) Successfully logged into ‘UserIAM’ user account. .Here we have to search for ‘S3’ and then click on it.

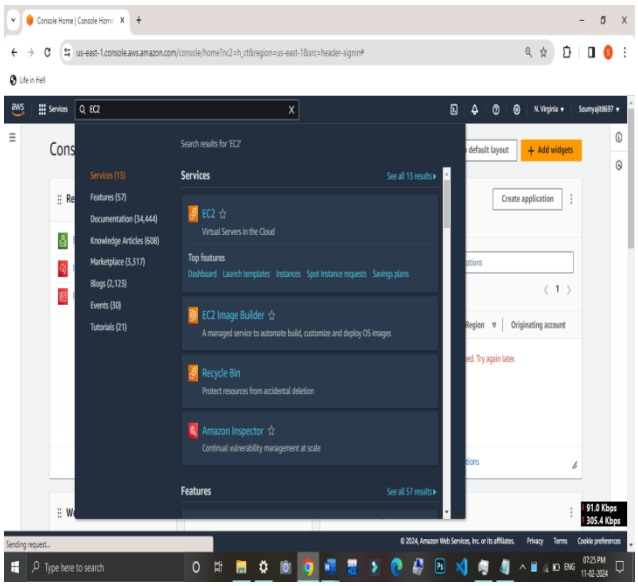


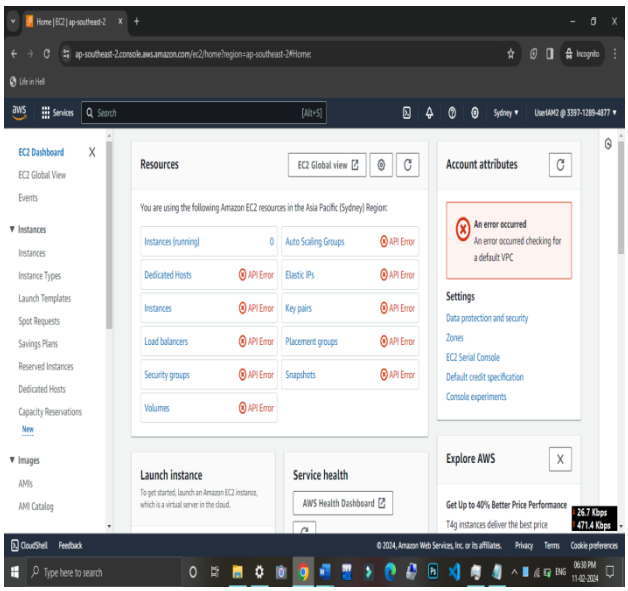
M. It is seen that IAM user is given full access to ‘S3’ successfully.



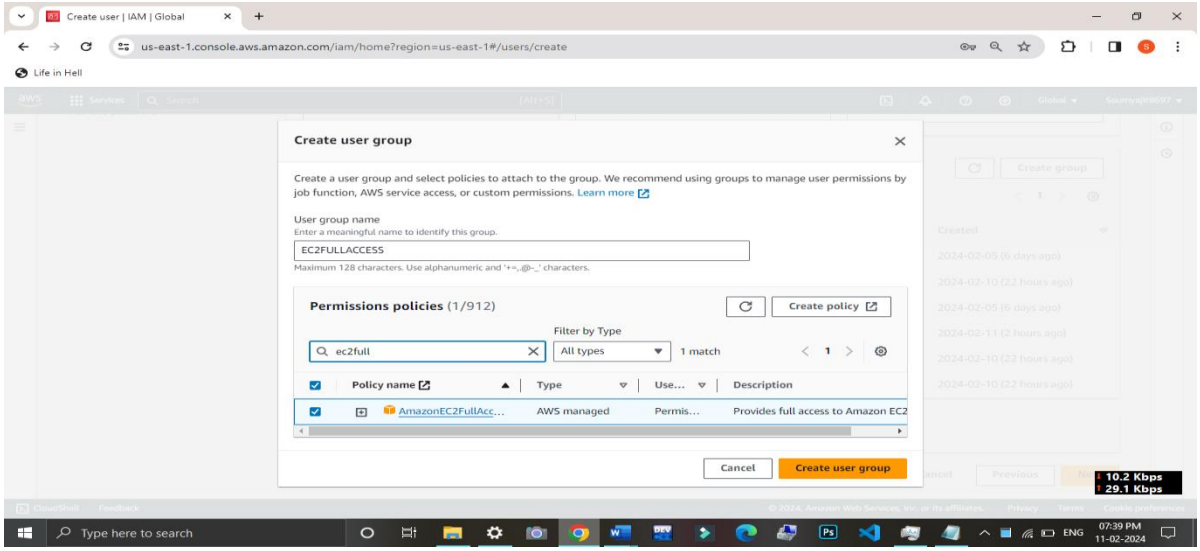
2. Creation of IAM user and access to EC2. Steps are given below.

A) Now back to console and search EC2 like S3 and press on EC2. We can see API errors are occurring as only s3 access was given to this user not EC2.

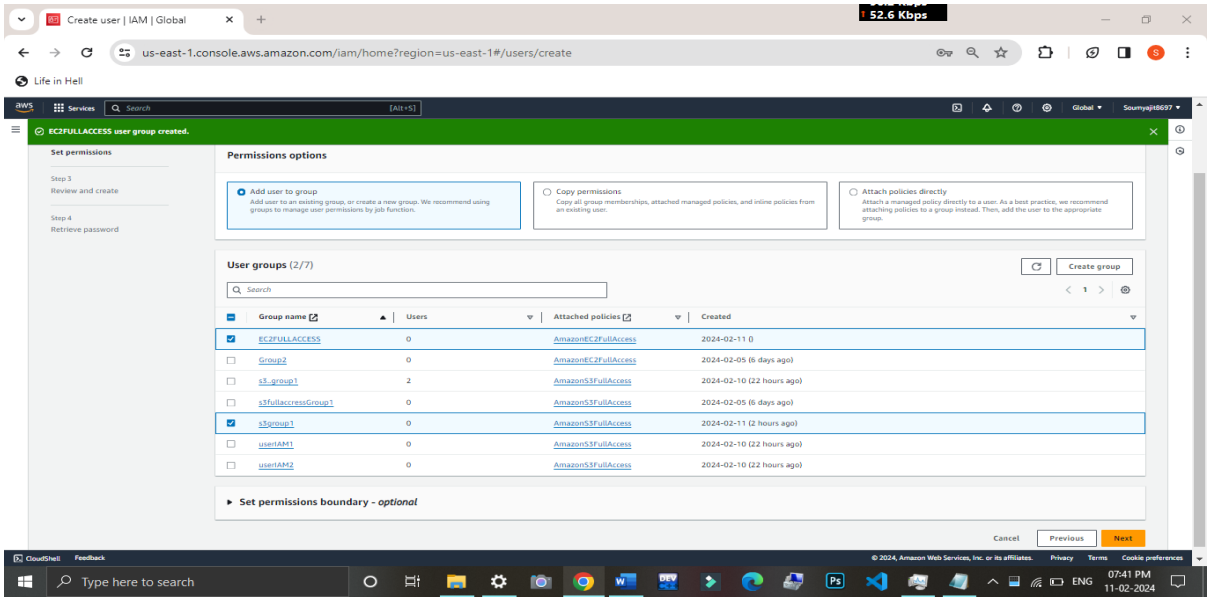




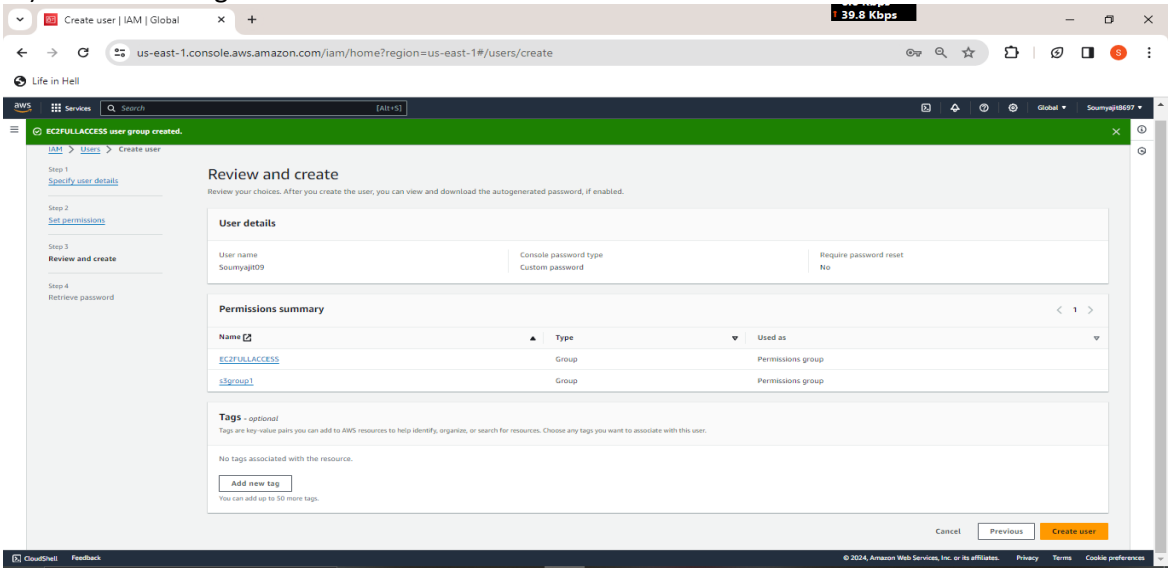
B) Now sign out from IAM account which is open in incognito mode and go to root account which is also open in other hand. Now make another user. Follow same steps as S3 and make a new user group. Give the user group name as EC2FullAccess And now in Permission policies search EC2FullAccess in search bar and click on the checkbox of AmazonEC2FullAccess and press on ‘Create user group’.



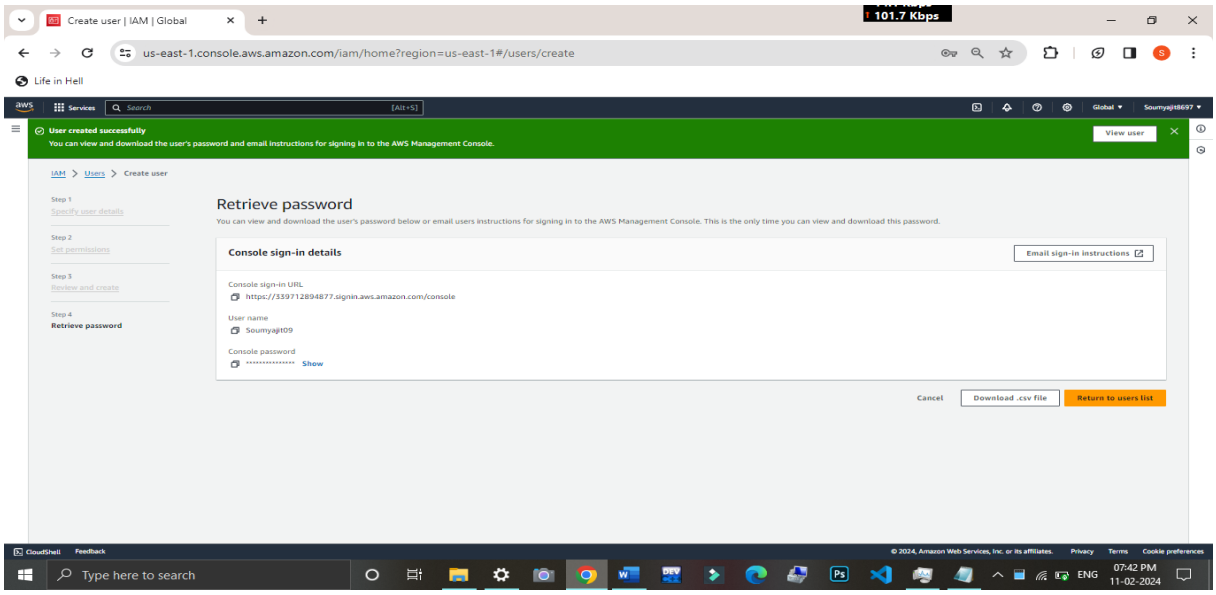
C) Then from the User group select the checkbox of both S3 and EC2 group to get all access to IAM users and click on the ‘Next’.



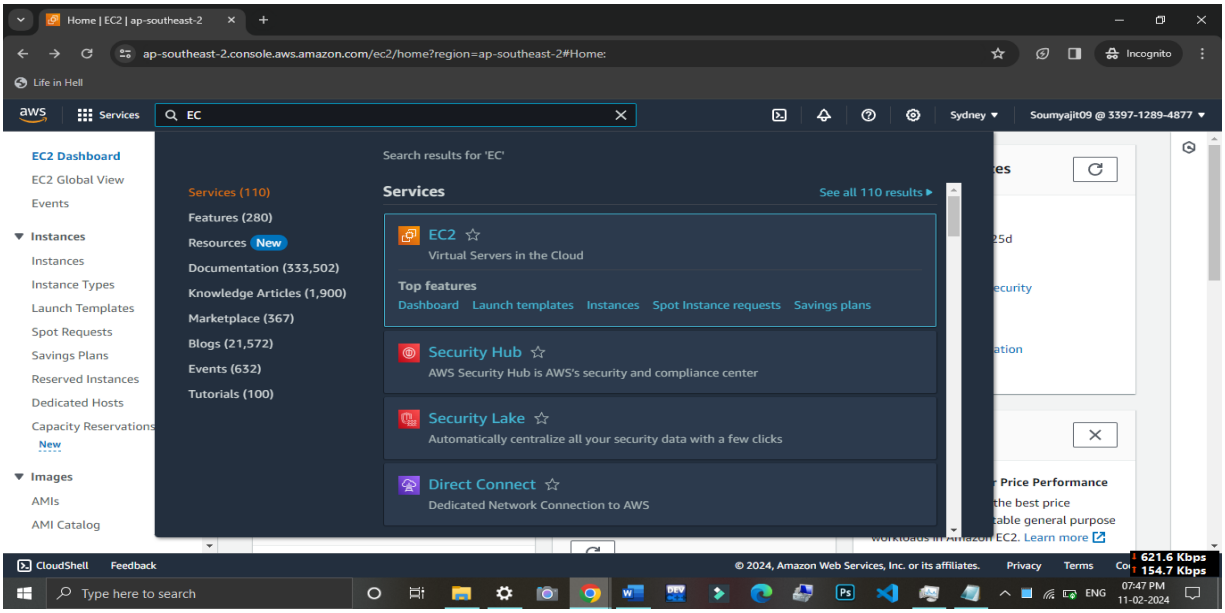
D) After reviewing all the details click on the ‘Create’.



E) User created successfully and then download the .csv file and click on ‘Return to user list’.



F) Now in same way return back to incognito mode and sign in to AWS console and select IAM root and give 12 digit id ,username and password by copying those from .csv file like previous. Now search EC2 and click on EC2.



G) Now when we go to EC2 then we can see no API Error is occurring like previous as this user has given full access of EC2.