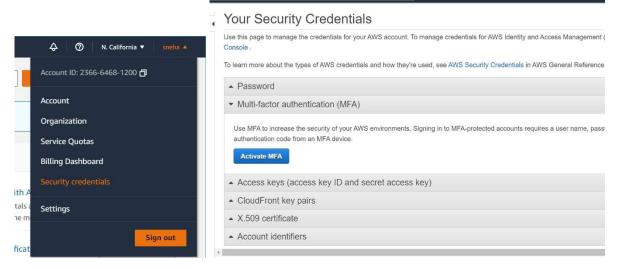
Name	Mohammad Faraz M Khan
Enrolment Number	A70405219039
Experiment Number	3b
Batch	1

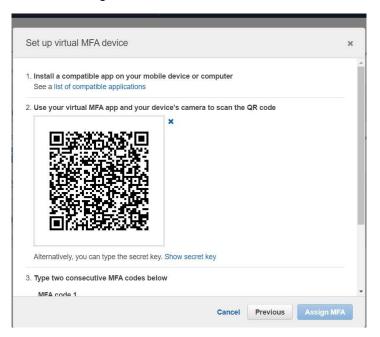
AIM:

1. To Set MFA for Root AWS user



2. Setting up virtual MFA device using Authy application and go to Security Credential

3. Set up Virtual MFA Device



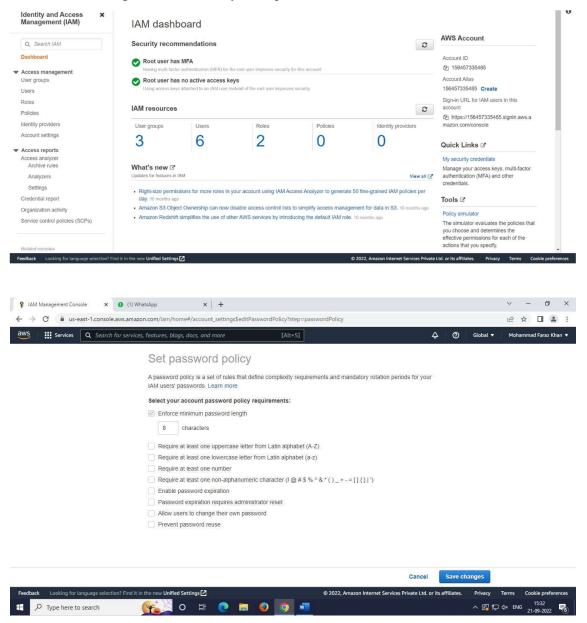
4. Add MFA Code from authy app



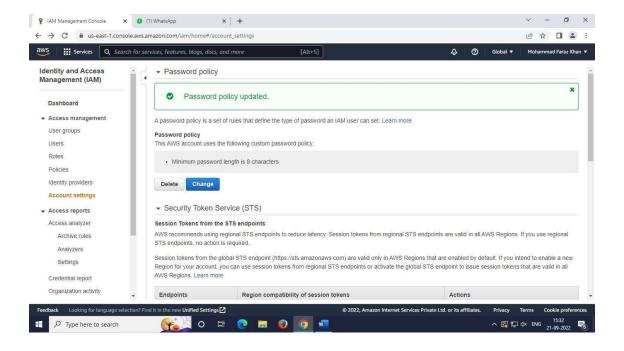


2. Set the password policy

Got to account setting-> Password Policy-> Set password



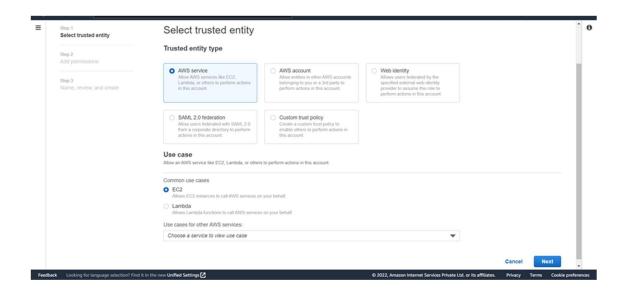
Save changes and its Done



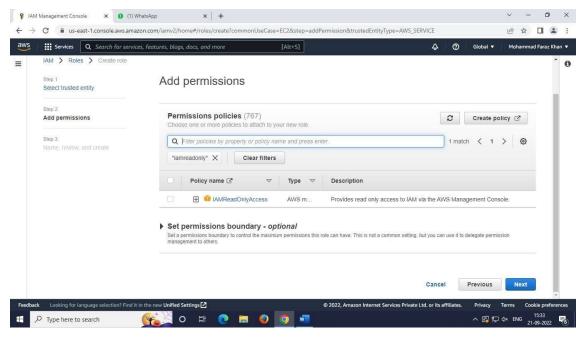
3. Create the IAM Role

Now to create role go to -> IAM -> roles-> Create roles

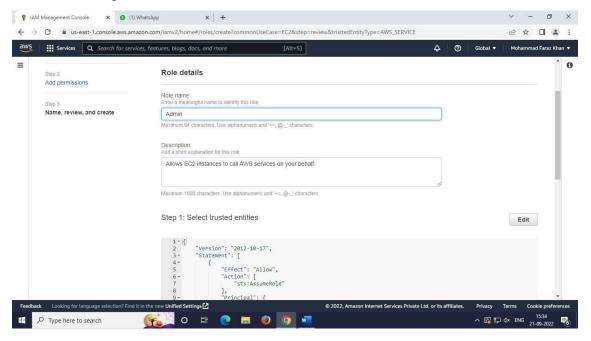
Select EC2 and click on next

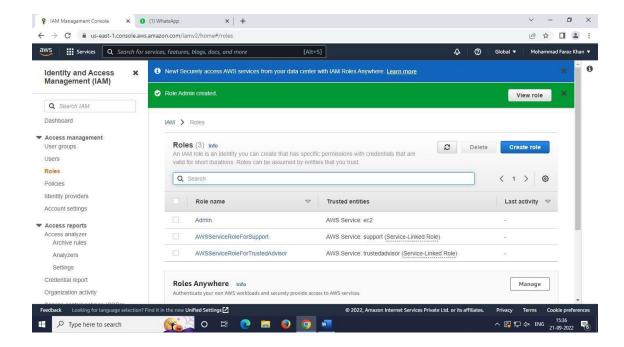


Add permission "Iamreadonlyaccess" and select and do next.



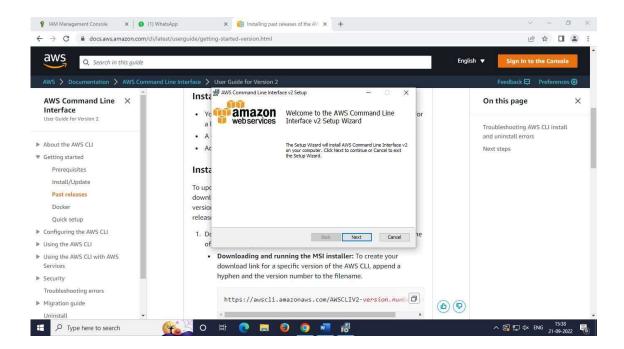
Name as something and next to create Role.

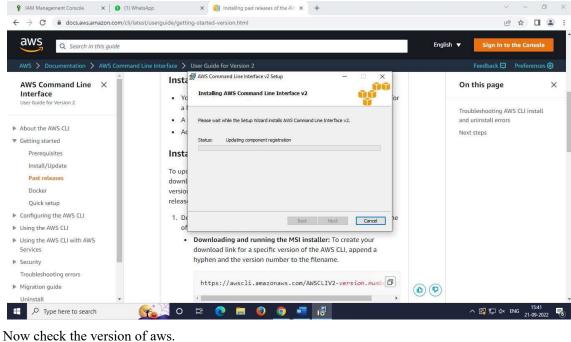




4. Configure AWS CLI

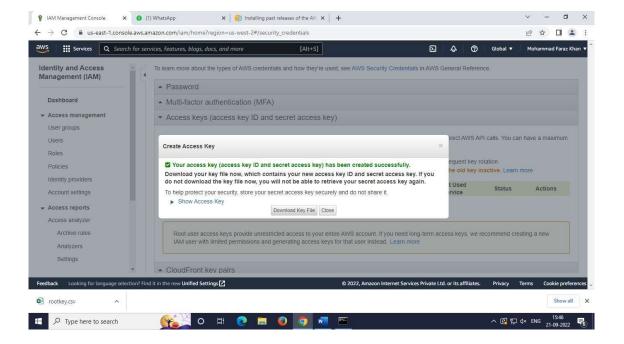
Now we need to install Aws Version 2 from website and then open command line to work on it.

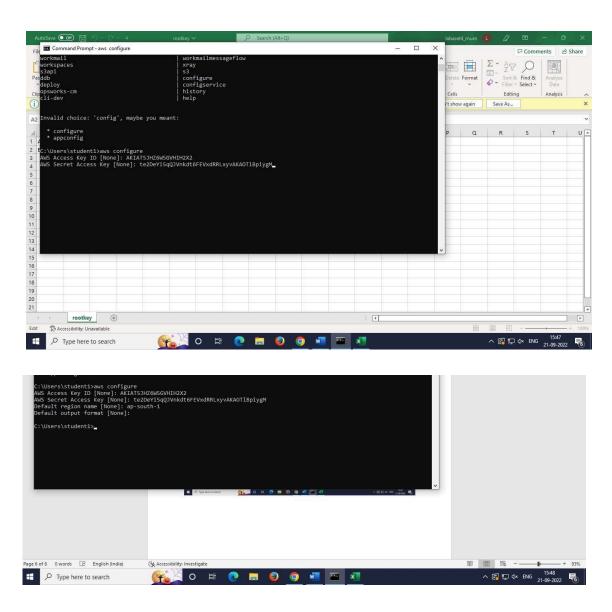




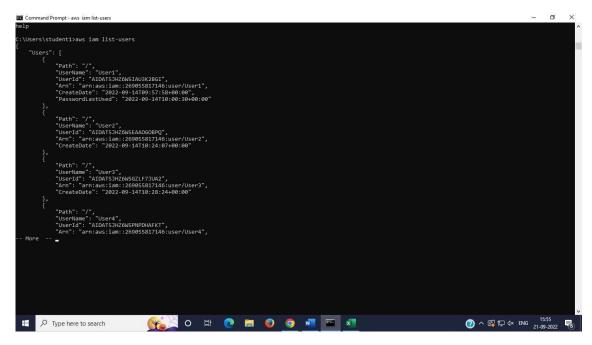


Once it's done we need access key to run it so for that go again to IAM and download the key.





Now we have entered the root user.



After Configure root user

- 1. Configure admin user
- 2. Create user throught admin user in CLI

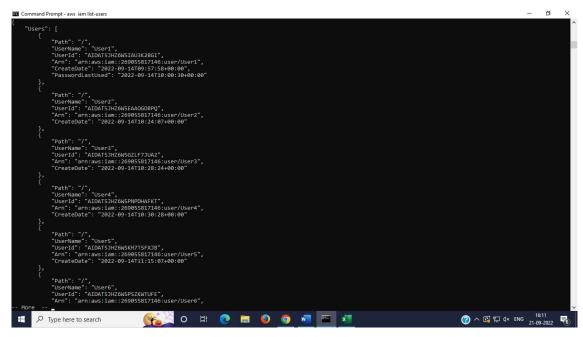
3. Remove user from admin group from console

```
C:\Users\student1>aws iam create-user --user-name User7

{
    "User": {
        "Path": "/",
        "UserId": "AIDAT5JHZ6W5KKZSV5Z6B",
        "Arn": "arn:aws:iam::269055817146:user/User7",
        "CreateDate": "2022-09-21T10:36:11+00:00"
    }
}
C:\Users\student1>aws iam delete-user --user-name User7

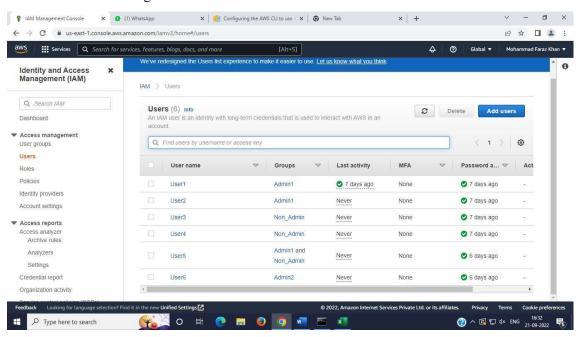
C:\Users\student1>
```

4. Check again through CLI to create users



User7 is not there

5. Add user back through AWS Console



6.Create a new group and add user in CLI

So we have added User6 to group named as "Group1".