Institute of Computer Technology

B. Tech Computer Science and Engineering

Sub: Identity and Access Management (2CSE507)

Name - Nisarg Prajapati

Branch - Cyber Security
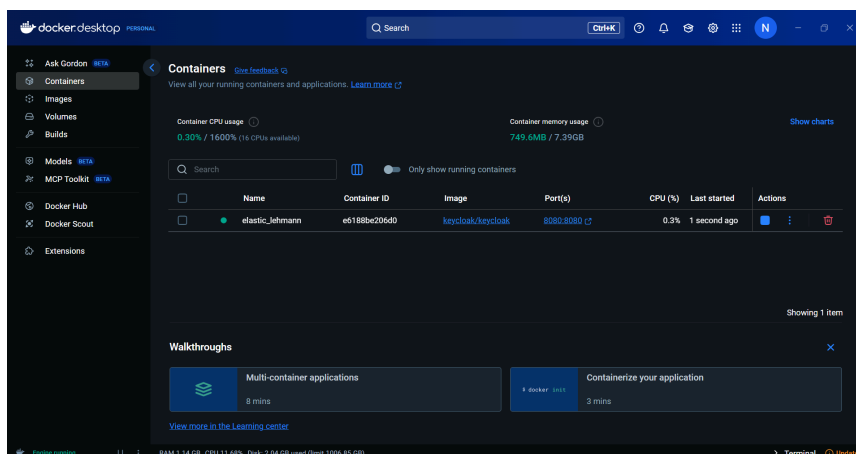
Enrollment no. – 23162171019

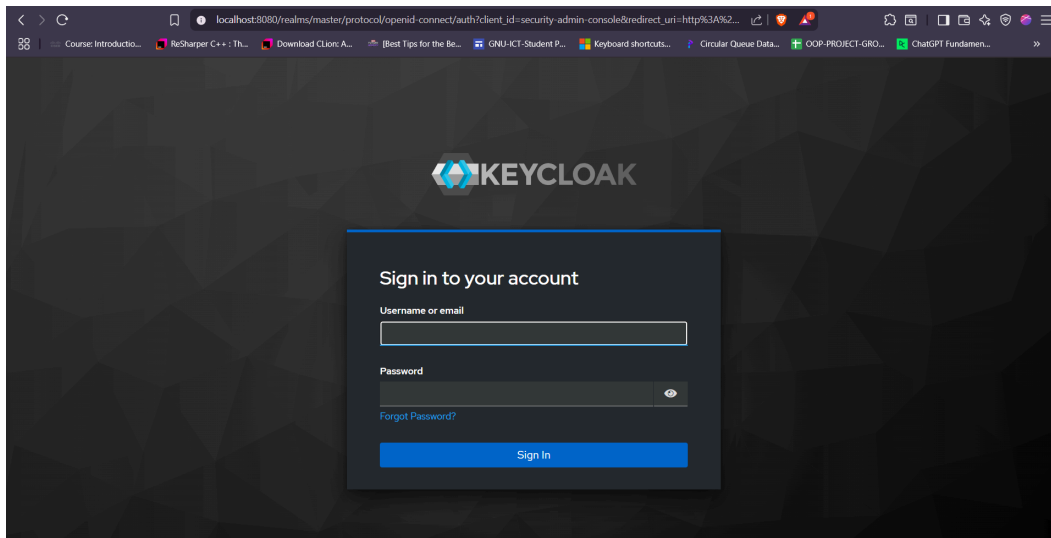Semester - 5

Class - A

Batch – 52

PRACTICAL NO:- 6

Aim : Creating a Realm and assigning admin role to users

Starting the Container:

- Open your Docker Desktop.
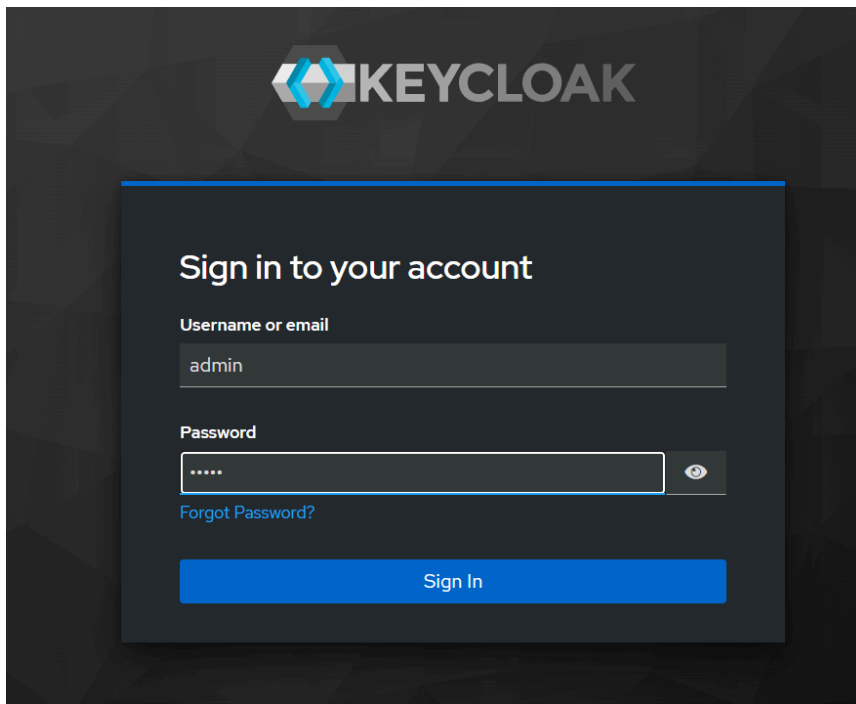- In the containers tab, click the start button of the container you want to start.

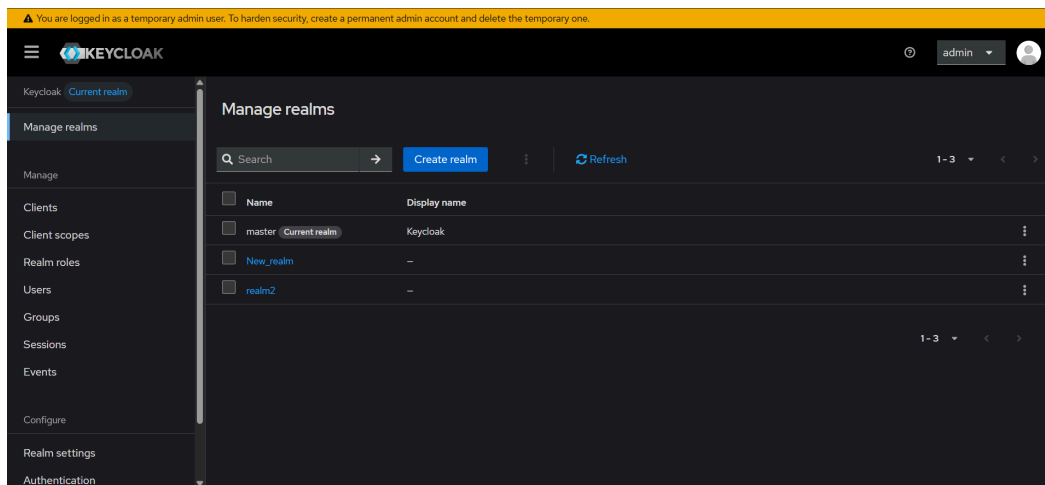- Now open your browser and go to 'http://localhost:8080/'.
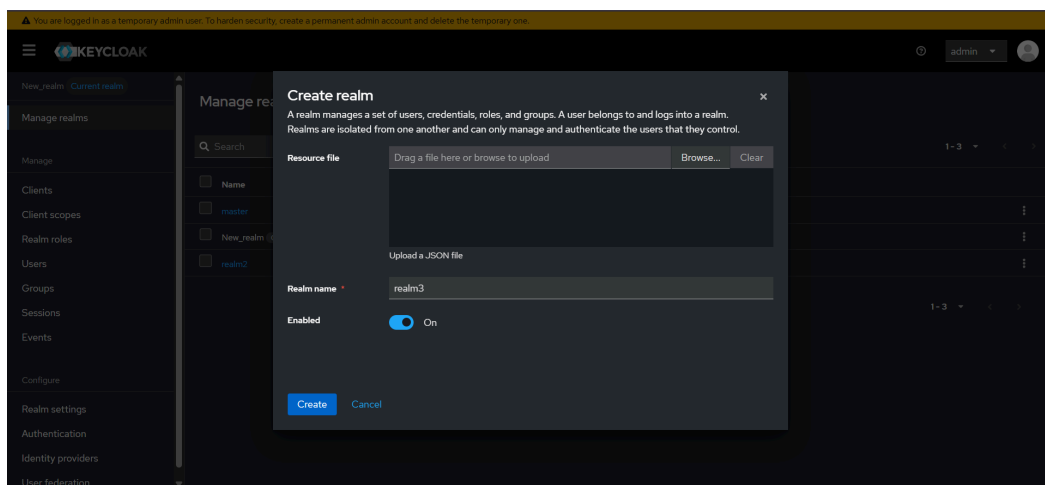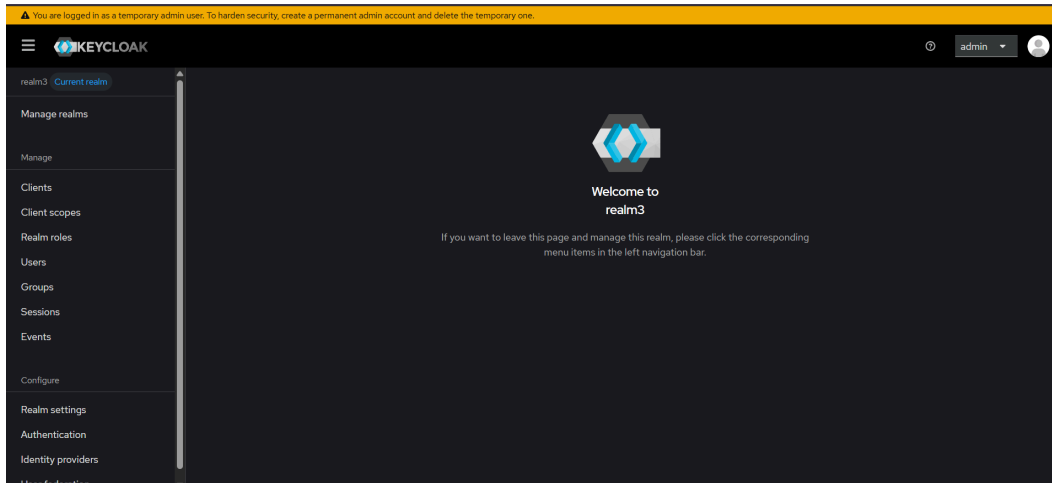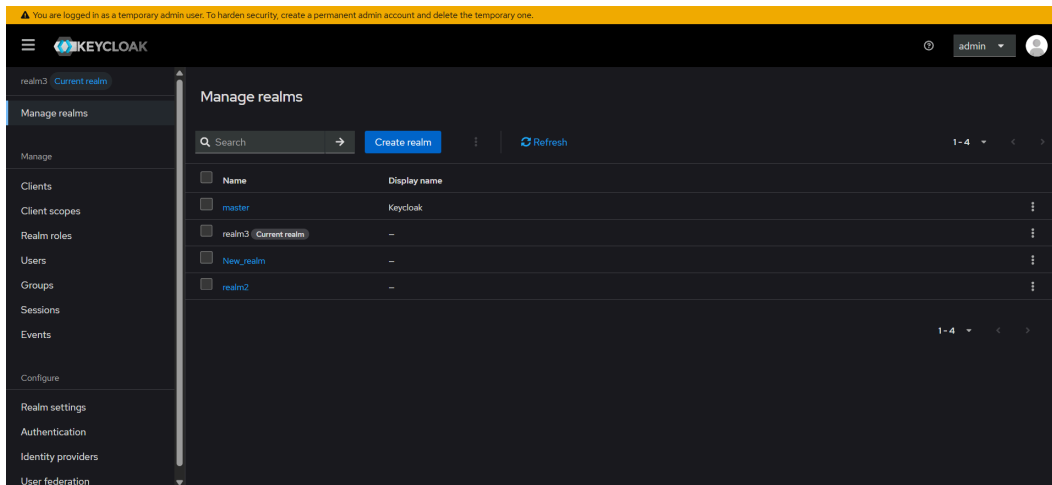

Creating a new Realm:

- Login as admin.

● Go to the 'Manage Realm' tab and click on 'Create realm'.

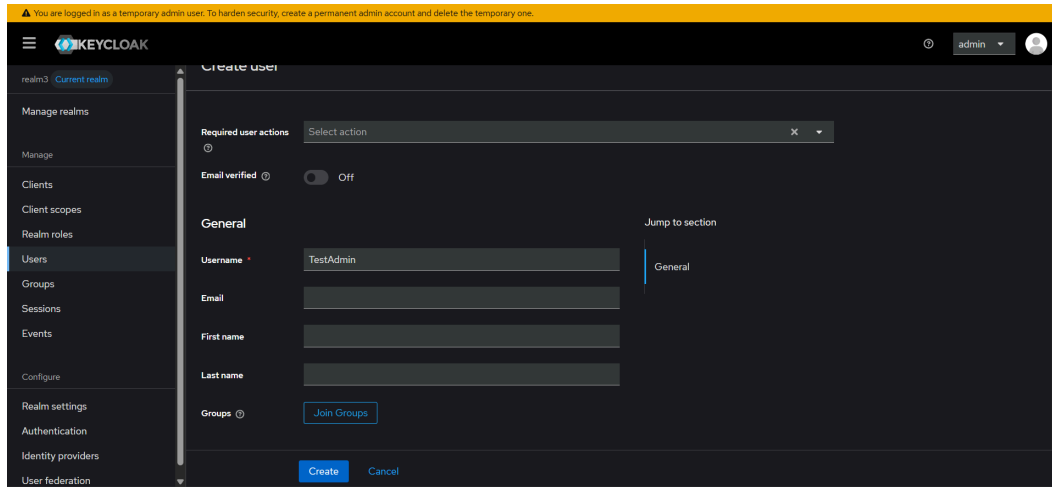● Enter the realm name and create the realm.

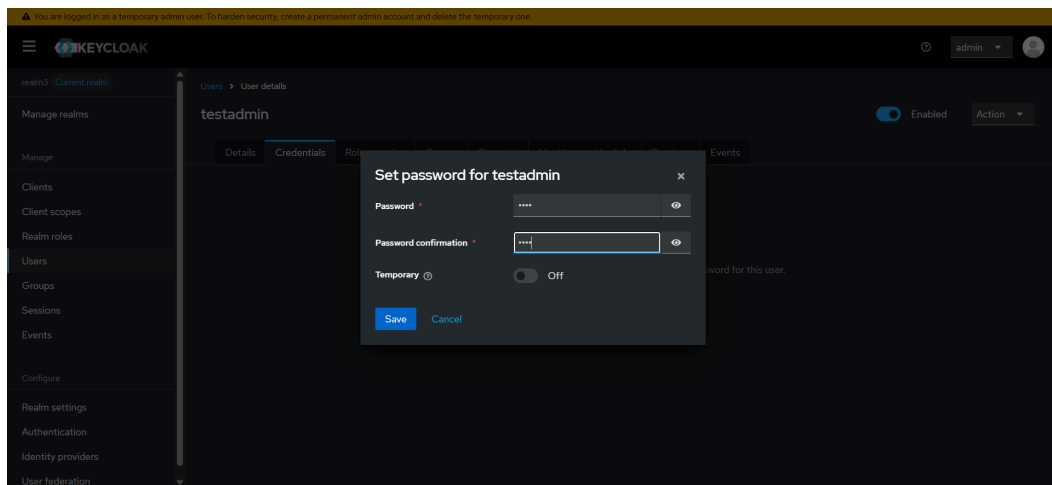- To change between realms, in 'Manage Realm' tab, click on the realm name.

Assigning Admin permissions:

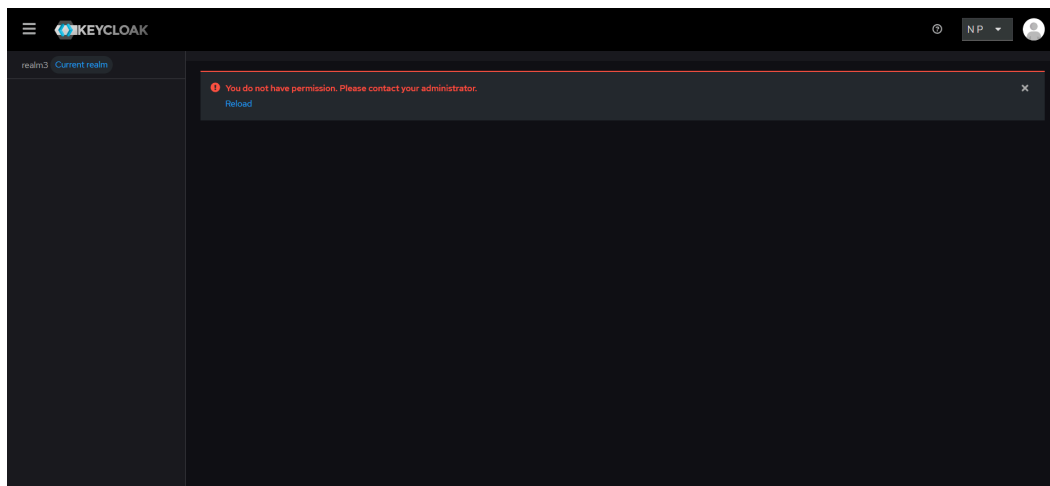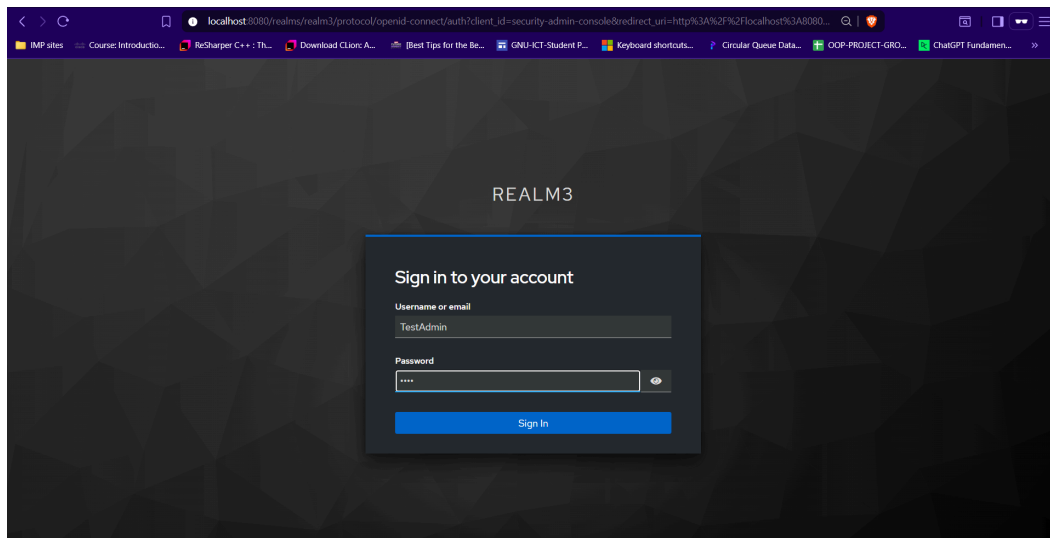- Create a new user, assign a password to the user and save the changes.

● Now, in another browser, open localhost:8080 and change to the realm in which you just created the user and login as the user.

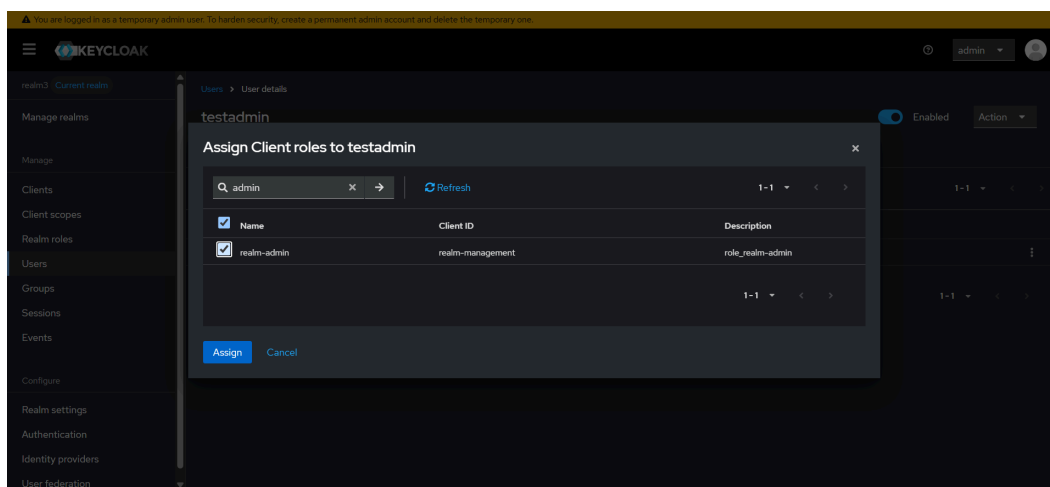- Now, change back to the browser on which you were logged-in as admin and go to the 'role mapping' tab of the user in the 'users' tab.
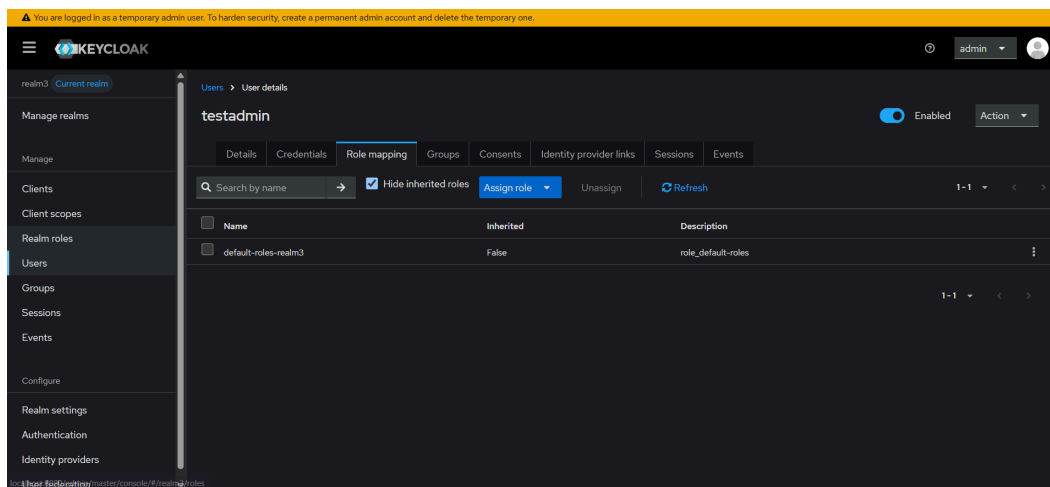
- Click on 'Assign Role', choose client roles and select 'realm-admin' role and click on assign.

- Now, switch back to the browser with the user, that you created above, is logged-in, and reload the page and you will see that the user will have access to all admin abilities like creating users, creating groups, etc. limited to that realm.