INSTITUTE OF COMPUTER TECHNOLOGY

B-TECH COMPUTER SCIENCE ENGINEERING 2025-26

SUBJECT: IDENTITY ACCESS MANAGEMENT

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BRANCH: CYBER SECURITY

BATCH: 52

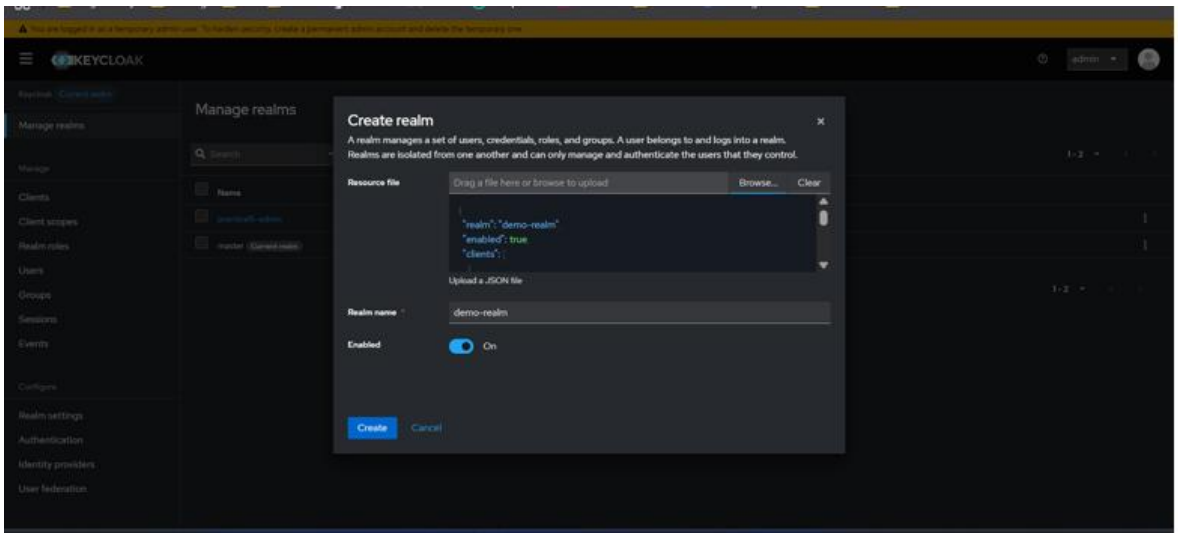
Lab 6: Demonstration of SSO in Keycloak

1. Use Keycloak Admin Console (For Realm Import)

- When creating a new realm, Keycloak Admin Console offers an option to import a realm from a JSON file.

STEPS:

1. Open the **Keycloak Admin Console** in your browser.
2. From the home page or **Master realm**, click on **"Add Realm."**
3. Go to the **Import** tab.
4. Click **Upload** and select your **JSON file** (the realm configuration file).
5. Click **Import** to load all settings, clients, roles, and users from the file.



Install Project Dependencies

• Run this command to install dependencies defined in package.json:

```
npm install
```

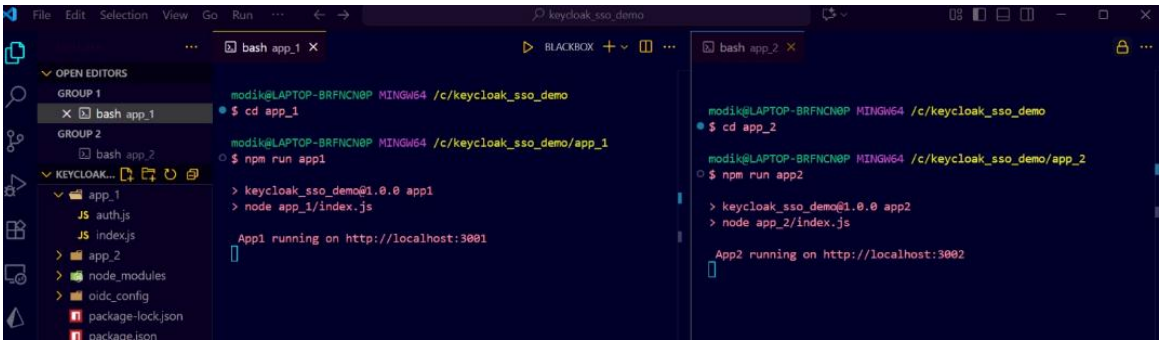
Run the Scripts

- To run app1 script:

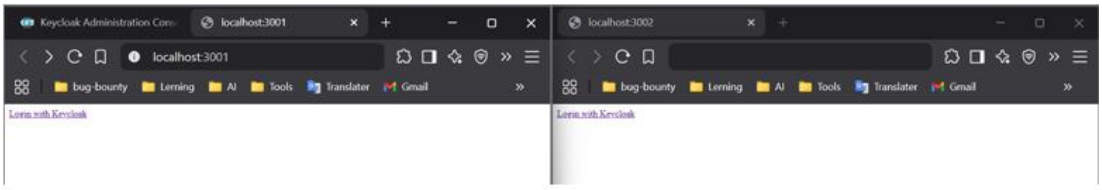
```
npm run app1
```

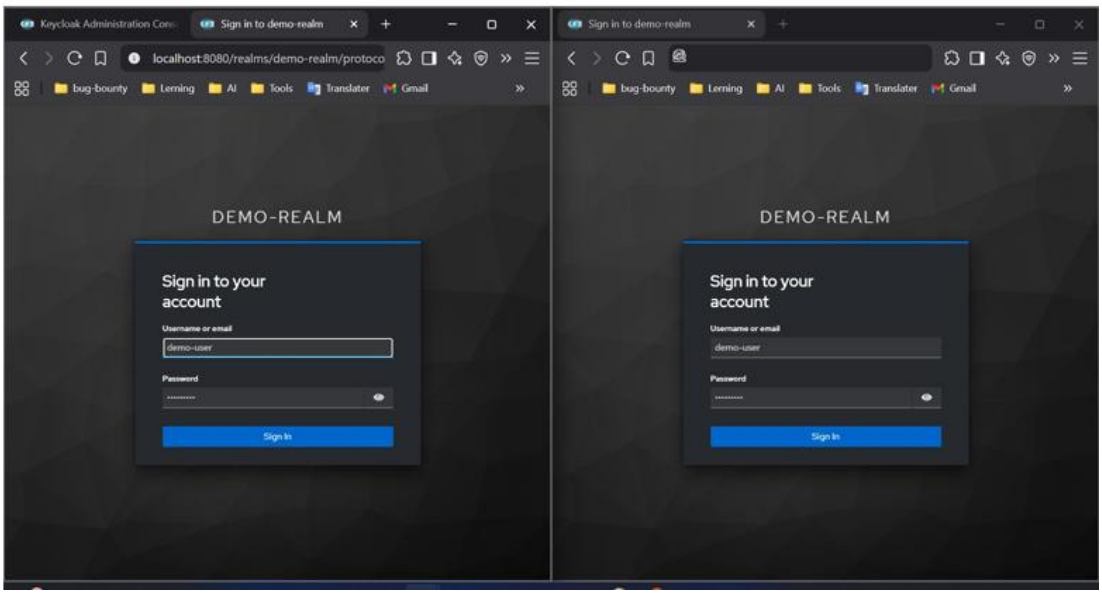
- To run app2 script:

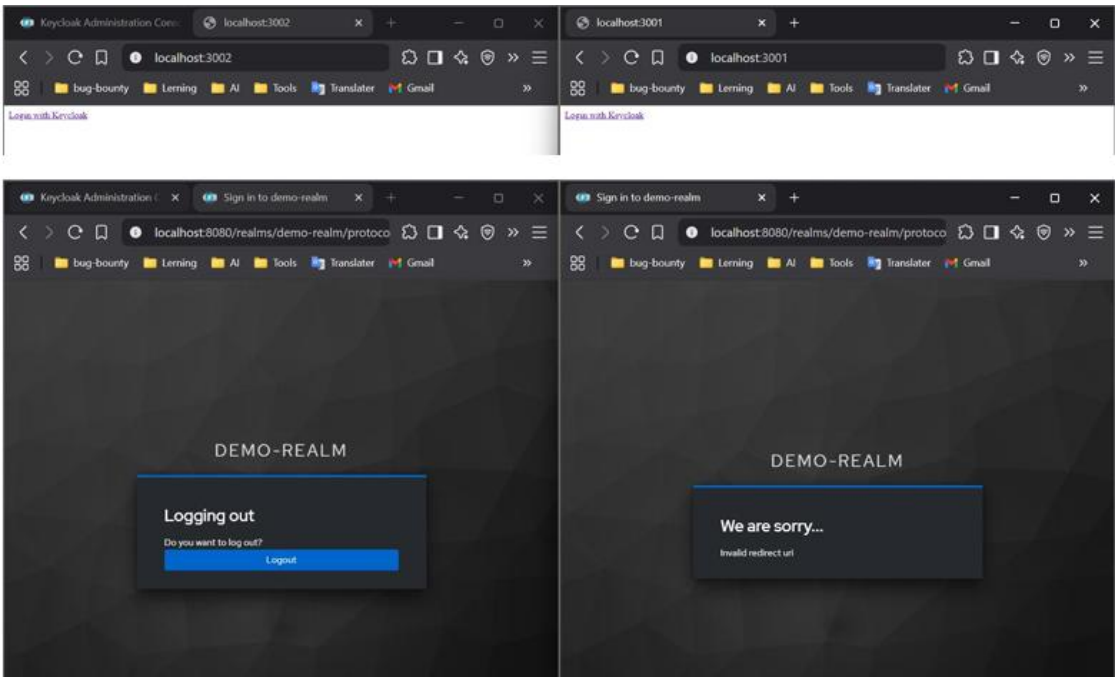
```
npm run app2
```



Verification of websites.






localhost:3002
Login with Keycloak
localhost:3001
Login with Keycloak
Sign in to demo-realm
localhost:8080/realms/demo-realm/protocol
DEMO-REALM
Logging out
Do you want to log out?
Logout
Sign in to demo-realm
localhost:8080/realms/demo-realm/protocol
DEMO-REALM
We are sorry...
Invalid redirect uri