







## Recap

- 1. Understanding Refresh Tokens
- 2. OAuth2 Client Authentication
- 3. User Session Management
- 4. Role based Authentication
- 5. Granular Authorization with Authority
- 6. Spring Security Methods



## Homework

- 1. Implement /logout route with User session management. You will need to delete the session and remove the refreshToken from cookie.
- 2. Implement Refresh Token Rotation. Delete user refresh session as soon as a new /refresh or /login request arrives. And generate a fresh pair of (AT, RT) to be stored in session.
- 3. Make the session count dynamic for each user by storing a sessionLimitCount with each user.



## Homework

4. Create a subscription service that contains multiple plans. Create multiple endpoints and grant access based on the user's active plan using @PreAuthorize and custom permission checker methods.

FREE, BASIC, PREMIUM

