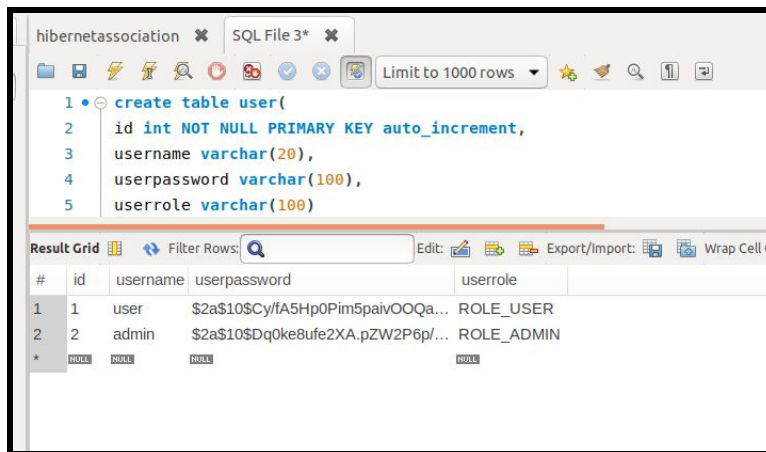Pawan Gupta

Session : Spring Security oauth 2

Exercise :

- Implement oauth 2 using spring security and authenticate a user which is saved in database using spring data jpa.

- Grant different Roles to different users and make sure that only authorized users of a given type can access the resource.

GET http://localhost:8080/ Send Save

Params Auth Headers (6) Body Pre-req. Tests Settings Cookies Cod

Query Params

KEY	VALUE	DESCRIPTION	•••	Bulk Edi
Key	Value	Description		

Body ▾ 200 OK 329 ms 350 B Save Response ▾

Pretty Raw Preview Visualize Text ▾

```
1  index
```

POST http://localhost:8080/oauth/token Send Save

Params Auth Headers (8) Body ● Pre-req. Tests Settings Cookies Code

form-data ▾

☑ username	admin	
☑ password	pass	
☑ client_secret	abcde	
Key	Value	Description

Body ▾ 200 OK 457 ms 475 B Save Response ▾

Pretty Raw Preview Visualize JSON ▾

```json
1  {
2      "access_token": "90dc1a35-fe6d-43bf-9cb5-babee1c65237",
3      "token_type": "bearer",
4      "refresh_token": "eaa3623a-83b4-49ec-a465-30279c697060",
5      "expires_in": 10079,
6      "scope": "app"
7  }
```

GET http://localhost:8080/admin/home Send Save

Params Authorization ● Headers (7) Body Pre-request Script Tests Settings Cookies Cod

Headers 👁 6 hidden

KEY	VALUE	DESCRIPTION	•••	Bulk Edit	Presets ▾
☑ Authorization	Bearer 90dc1a35-fe6d-43bf-9cb5-babee1c65237				
Key	Value	Description			

Body Cookies Headers (11) Test Results Status: 200 OK Time: 56 ms Size: 356 B Save Response ▾

Pretty Raw Preview Visualize Text ▾

```
1  Admin home
```

GET ▼ http://localhost:8080/user/home   Send ▼   Save ▼

Params   Authorization ●   Headers (7)   Body   Pre-request Script   Tests   Settings   Cookies   Code

Headers 👁 6 hidden

	KEY	VALUE	DESCRIPTION	•••	Bulk Edit	Presets ▼
☑	Authorization	Bearer 90dc1a35-fe6d-43bf-9cb5-babee1c65237				
	Key	Value	Description			

Body   Cookies   Headers (10)   Test Results   🌐 Status: 403 Forbidden   Time: 27 ms   Size: 367 B   Save Response ▼

Pretty   Raw   Preview   Visualize   JSON ▼   ⇥

```
1  {
2      "error": "access_denied",
3      "error_description": "Access is denied"
4  }
```

POST ▼ http://localhost:8080/oauth/token   Send ▼   Save ▼

Params   Authorization   Headers (8)   Body ●   Pre-request Script   Tests   Settings   Cookies   Code

○ none   ● form-data   ○ x-www-form-urlencoded   ○ raw   ○ binary   ○ GraphQL

☑	username	user	
☑	password	pass	
☑	client_secret	abcde	
	Key	Value	Description

Body   Cookies   Headers (10)   Test Results   🌐 Status: 200 OK   Time: 301 ms   Size: 475 B   Save Response ▼

Pretty   Raw   Preview   Visualize   JSON ▼   ⇥

```
1  {
2      "access_token": "7d175d48-6907-4c89-bcab-5c251ecbe93c",
3      "token_type": "bearer",
4      "refresh_token": "af0e38bd-3b8a-4722-9c9f-8cd4dcf09985",
5      "expires_in": 10079,
6      "scope": "app"
7  }
```

GET ▼ http://localhost:8080/user/home | Send ▼ | Save ▼

Params | Authorization ● | Headers (7) | Body | Pre-request Script | Tests | Settings | Cookies Code

Headers 👁 6 hidden

	KEY	VALUE	DESCRIPTION	••• Bulk Edit	Presets ▼
☑	Authorization	Bearer 7d175d48-6907-4c89-bcab-5c251ecbe93c			
	Key	Value	Description		

Body | Cookies | Headers (11) | Test Results   🌐 Status: 200 OK   Time: 15 ms   Size: 354 B   Save Response ▼

Pretty | Raw | Preview | Visualize | Text ▼ | ⇥   📋 🔍

```
1    User home
```

GET ▼ http://localhost:8080/admin/home | Send ▼ | Save ▼

Params | Authorization ● | Headers (7) | Body | Pre-request Script | Tests | Settings | Cookies Code

Headers 👁 6 hidden

	KEY	VALUE	DESCRIPTION	••• Bulk Edit	Presets ▼
☑	Authorization	Bearer 7d175d48-6907-4c89-bcab-5c251ecbe93c			
	Key	Value	Description		

Body | Cookies | Headers (10) | Test Results   🌐 Status: 403 Forbidden   Time: 9 ms   Size: 367 B   Save Response ▼

Pretty | Raw | Preview | Visualize | JSON ▼ | ⇥   📋 🔍

```
1    {
2        "error": "access_denied",
3        "error_description": "Access is denied"
4    }
```