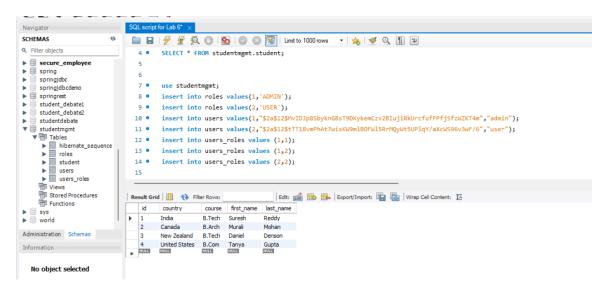
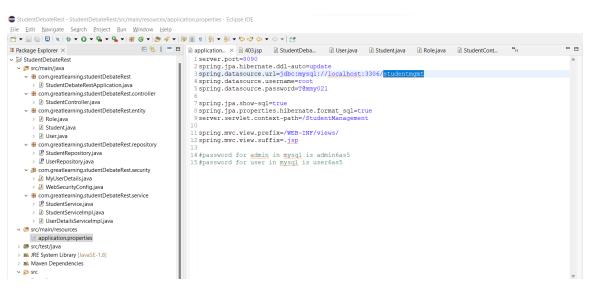
## LAB SESSION 6 SPRING REST API

# - By Gayathri Balachandran

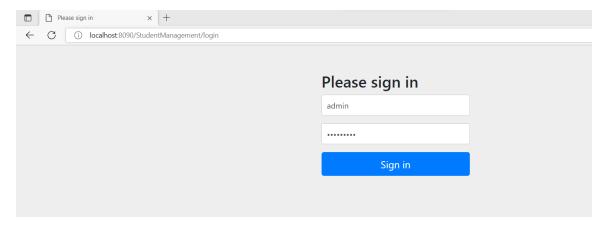
1) MySQL tables and data insertion statements:



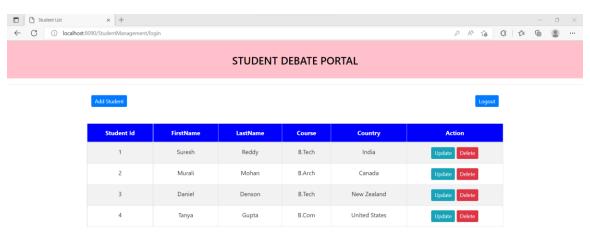
#### 2) application.properties:



#### 1. Login using admin credentials: admin / admin6as5

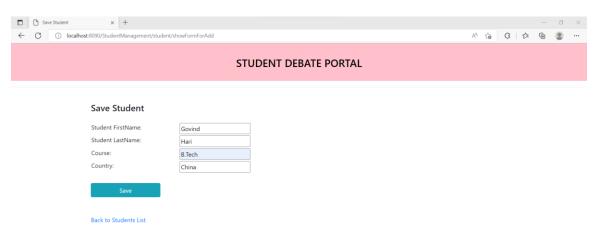


#### We get the list of all students in the DB. All records are fetched and displayed on UI.

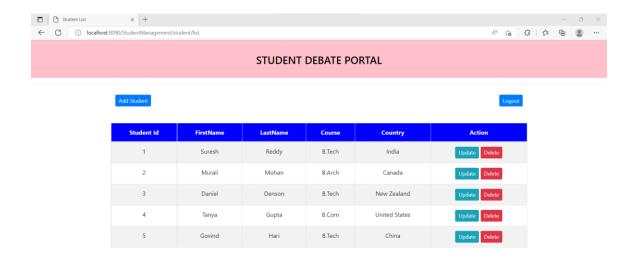


#### 2. ADDING A STUDENT:

#### **Click on Add Student**

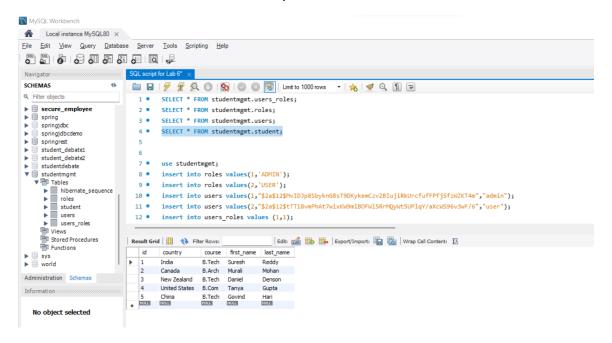


#### **Click on Save**



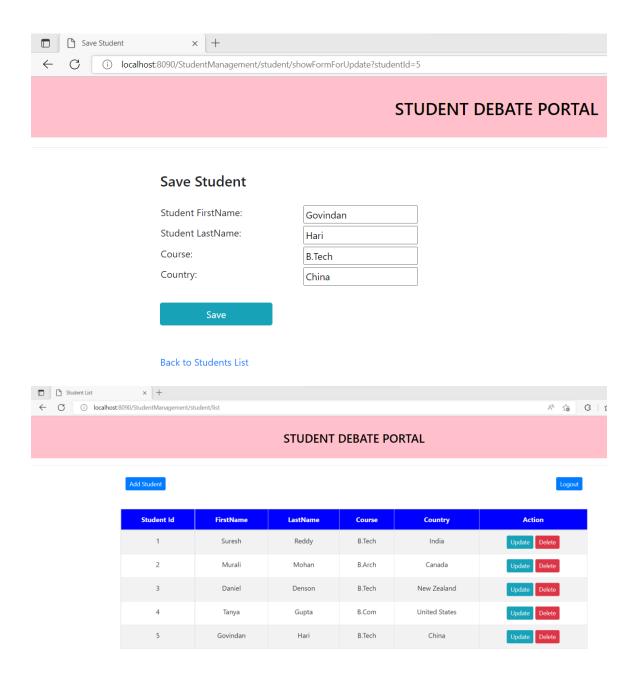
We see that the new record has been added on the UI

We can also cross-check in DB if the data is persisted:

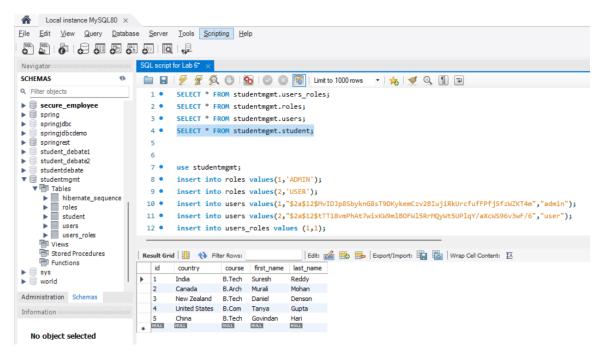


#### **UPDATING AN EXISTING RECORD:**

**Click on Update Button:** 

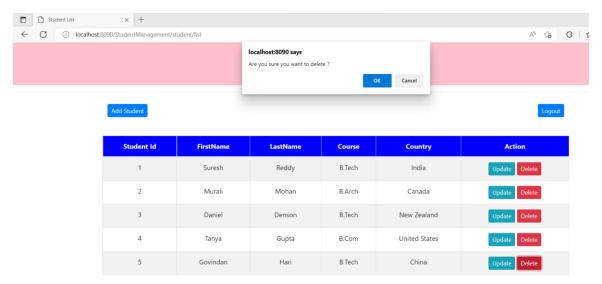


We can see that the FirstName is updated now. We can verify the same in the DB:



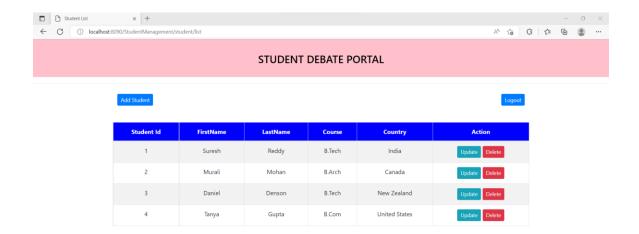
#### **DELETING A RECORD**

Click on Delete button, we get the message: Are you sure you want to delete?

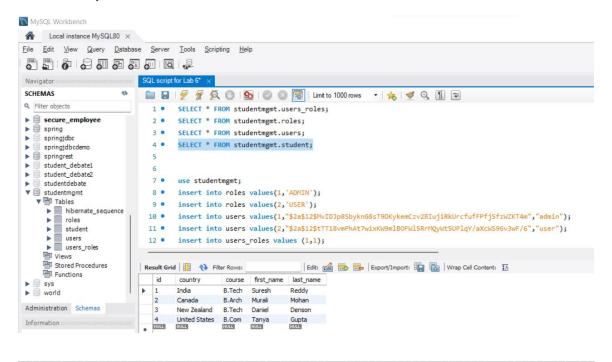


#### Click on OK,

we see that the record was deleted from the UI:

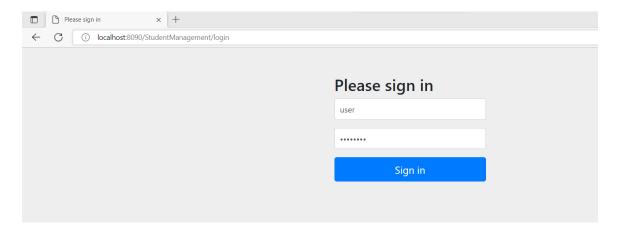


#### We can verify the same in db:

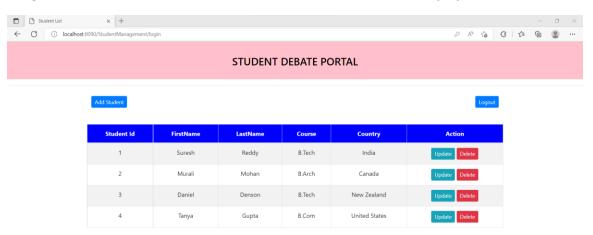


## **CRUD OPERATIONS TESTING USING USER role ACCESS:**

Click on logout and login using credentials: user/user6as5

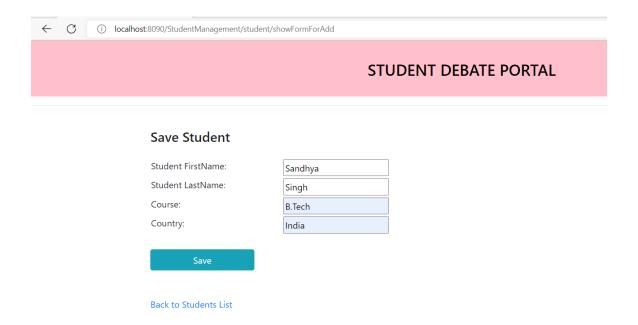


We get the list of all students in the DB. All records are fetched and displayed on UI.

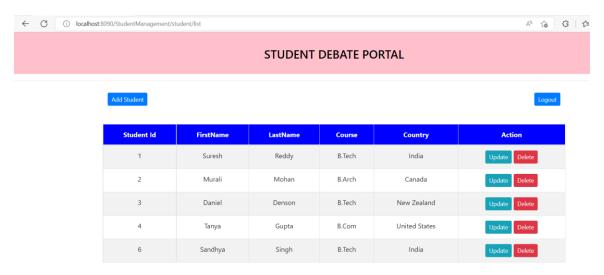


#### . ADDING A STUDENT:

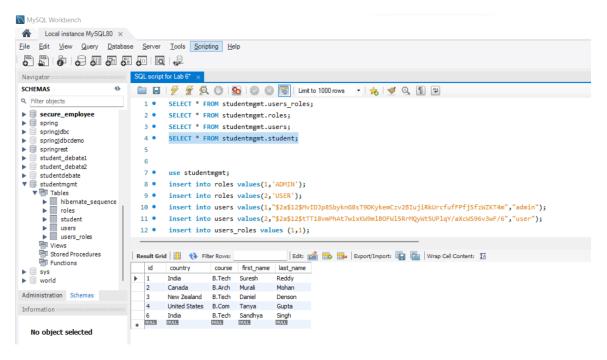
Click on Add Student button and enter the details. Click on Save button



#### We can see that the student has been added on the UI



We can verify the same in the db:



#### **UPDATE FUNCTIONALITY**

Click on Update button and we get below:



#### HTTP Status 403 - Access is denied

Hello user, You dont have necessary permissions to access this page

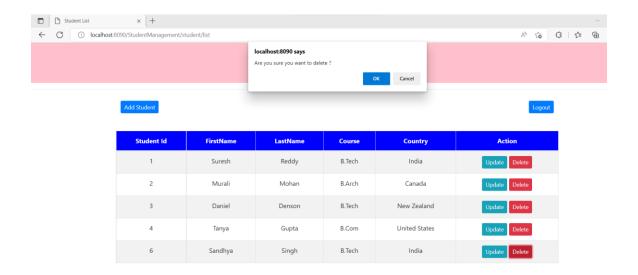
Back to Students List

Click on Back to Students List hyperlink

User does not have permissions to Update the student records.

#### **DELETE FUNCTIONALITY**

Click on Delete button and select Ok for Are you sure you want to delete?



We get below. User does not have access to Delete Student records.



### HTTP Status 403 - Access is denied

Hello user, You dont have necessary permissions to access this page

Back to Students List

Click on Back to Students List to go back to list of all students