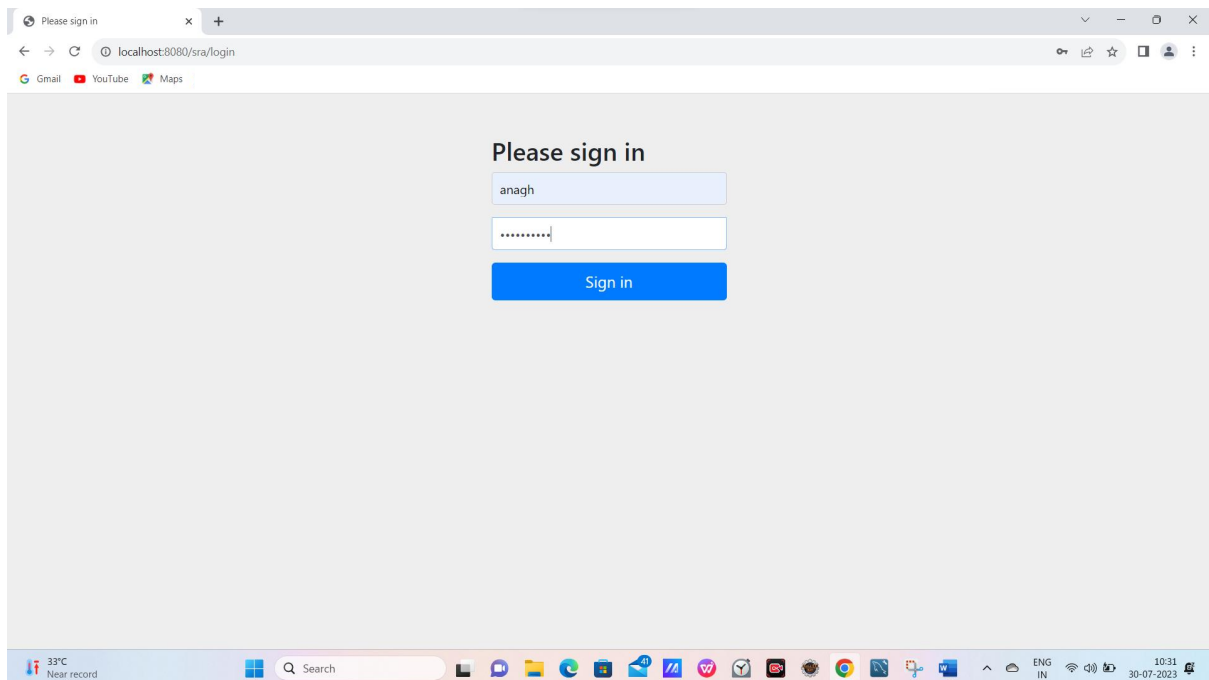


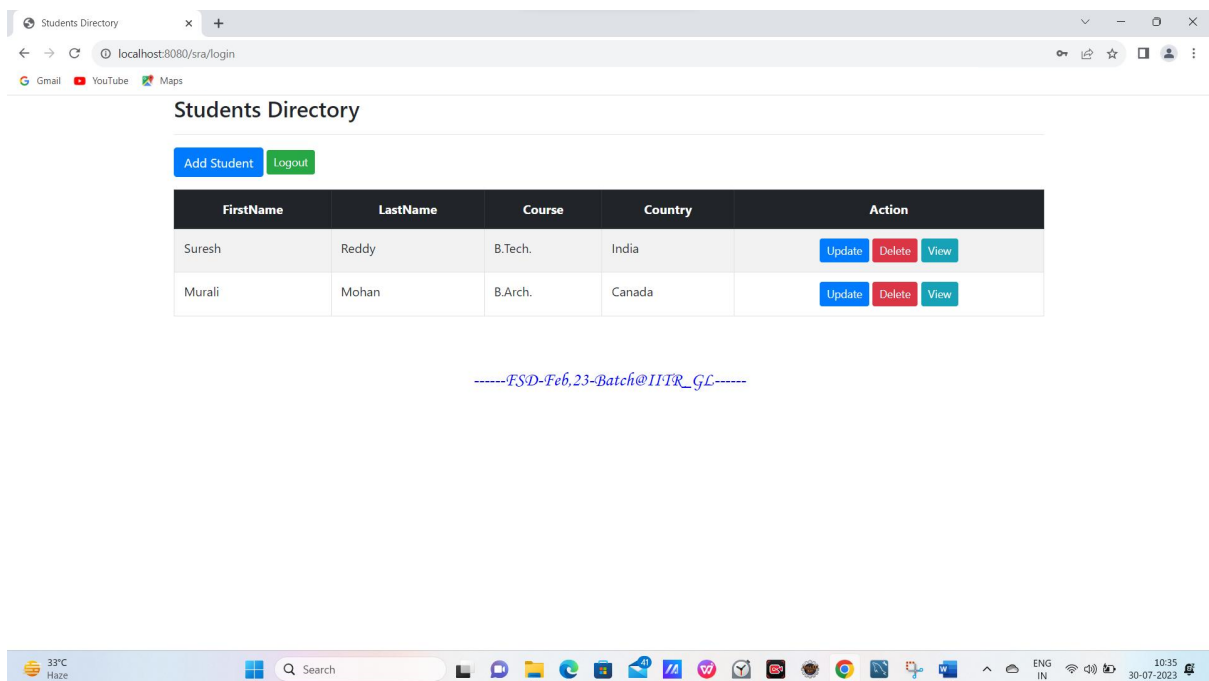
Operations for Regular User, 'anagh' and Password, 'mypassword'

Log in Page



Pic: Log in Page for Regular_User, anagh

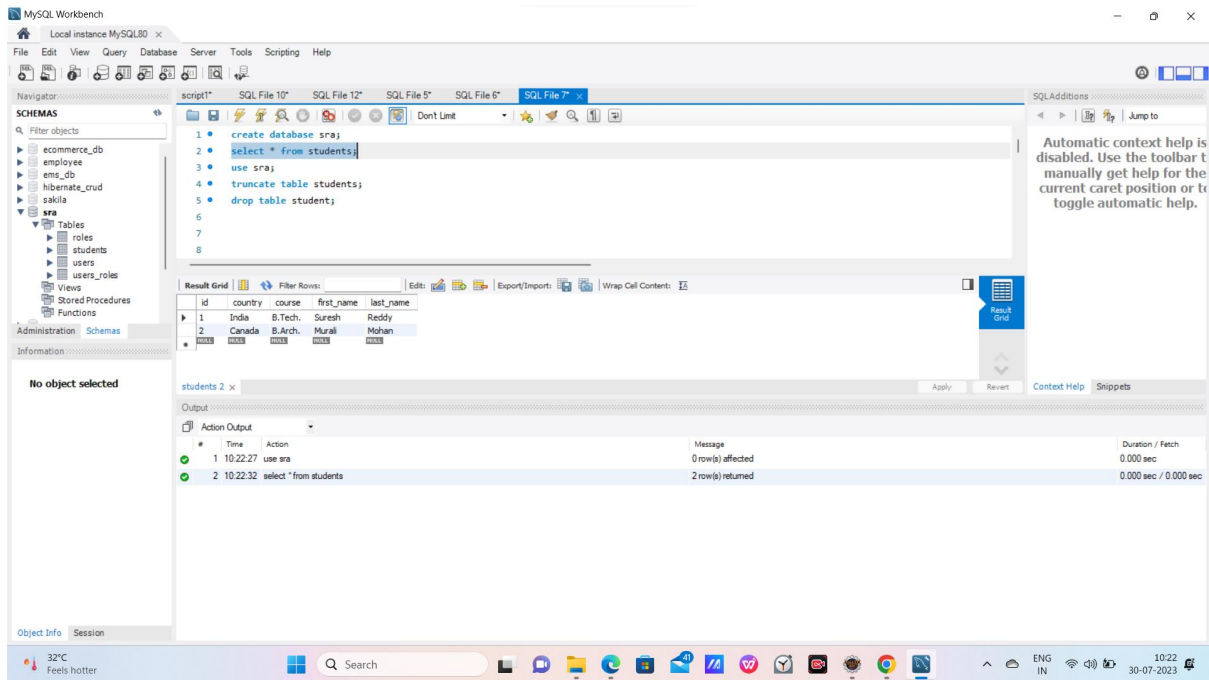
Home Page



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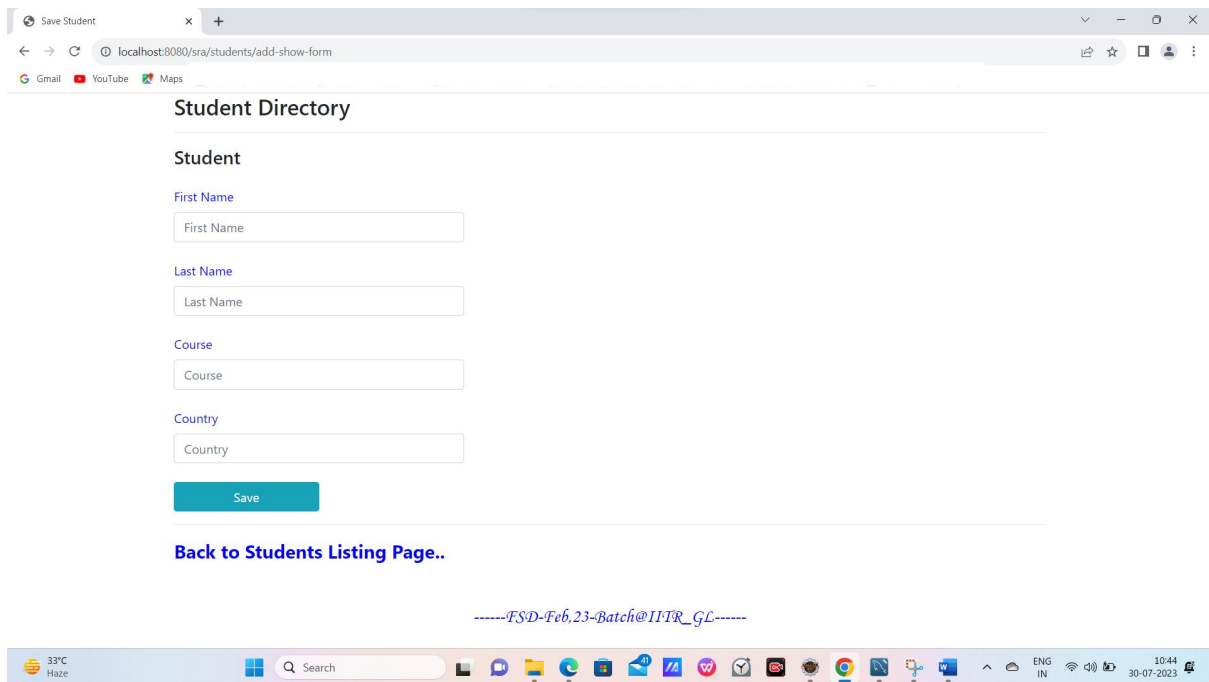
Pic: Listing Page

Insert Operation



Pic: DB Records Before Insertion of a New Student

Insert Operation



Pic: Create New Student (Blank Page)

Insert Operation

Save Student

Student Directory

Student

First Name
Daniel

Last Name
Denson

Course
B.Tech.

Country
New Zealand

Save

[Back to Students Listing Page..](#)

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Pic: With Filled-up Data Page

Insert Operation

Students Directory

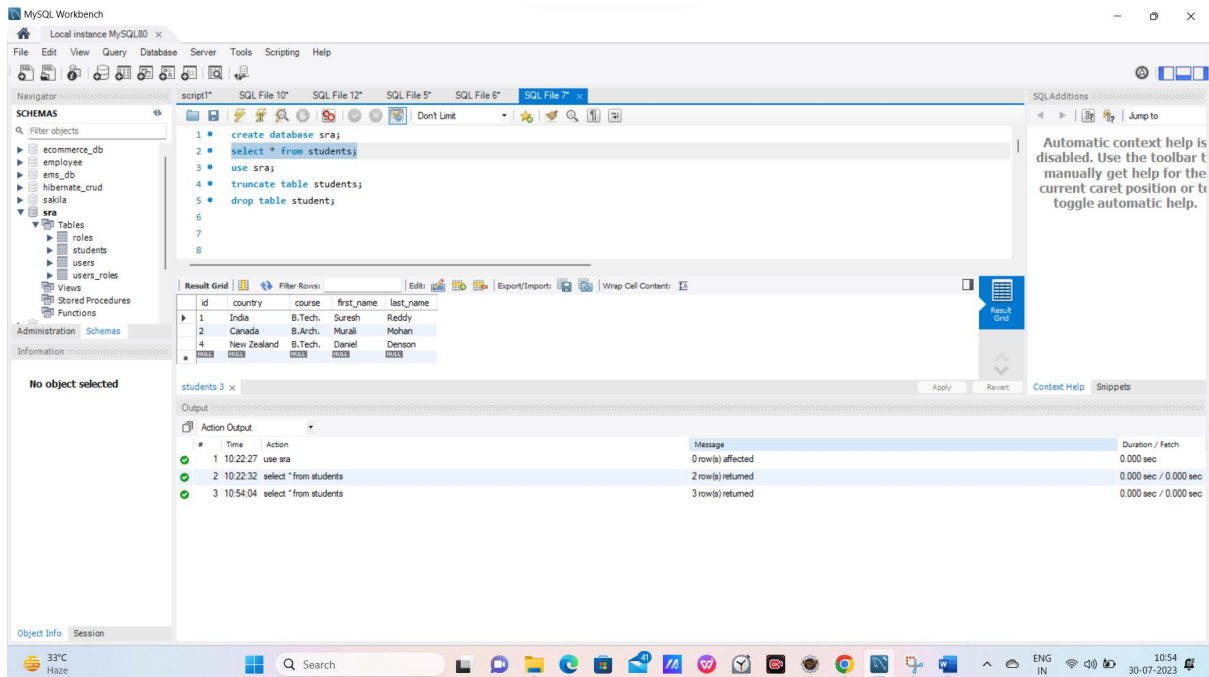
Add Student Logout

FirstName	LastName	Course	Country	Action
Suresh	Reddy	B.Tech.	India	Update Delete View
Murali	Mohan	B.Arch.	Canada	Update Delete View
Daniel	Denson	B.Tech.	New Zealand	Update Delete View

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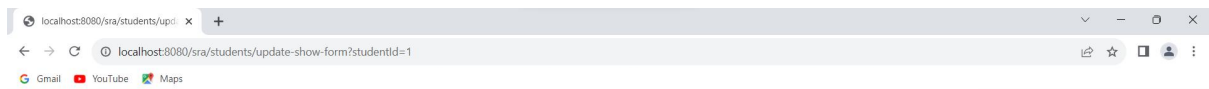
Pic: After Creation of New Student, Reflection on the Listing Page

Insert Operation



Pic: After Creation of New Student, Reflection in the Database

Update Operation



HTTP Status 403 - Access is denied

Hello anagh, You dont have permission to access the page / perform the operation

[Back to Students Listing Page..](#)



Pic: Update Operation is Restricted for Regular_User, 'anagh'

Show / Select Operation

Student Directory

Student

ID

First Name

Last Name

Course

Country

[Back to Students Listing Page..](#)

Pic: View / Select Operation for the Student, 'Suresh', -The View Student-Page

Delete Operation

HTTP Status 403 - Access is denied

Hello anagh, You dont have permission to access the page / perform the operation

[Back to Students Listing Page..](#)

Pic: Delete Operation is Restricted for Regular_User, 'anagh'

Operations for Admin User, 'santonu' and Password, 'mypassword'

Log in Page

The screenshot shows a web browser window with the address bar displaying 'localhost:8080/sra/login'. The page title is 'Please sign in'. The login form consists of two input fields: the first contains the username 'santonu', and the second contains a masked password '*****'. Below the password field is a blue 'Sign in' button. The browser's taskbar at the bottom shows the system clock as 11:09 on 30-07-2023.

Pic: Log in Page for Admin_User, 'santonu'

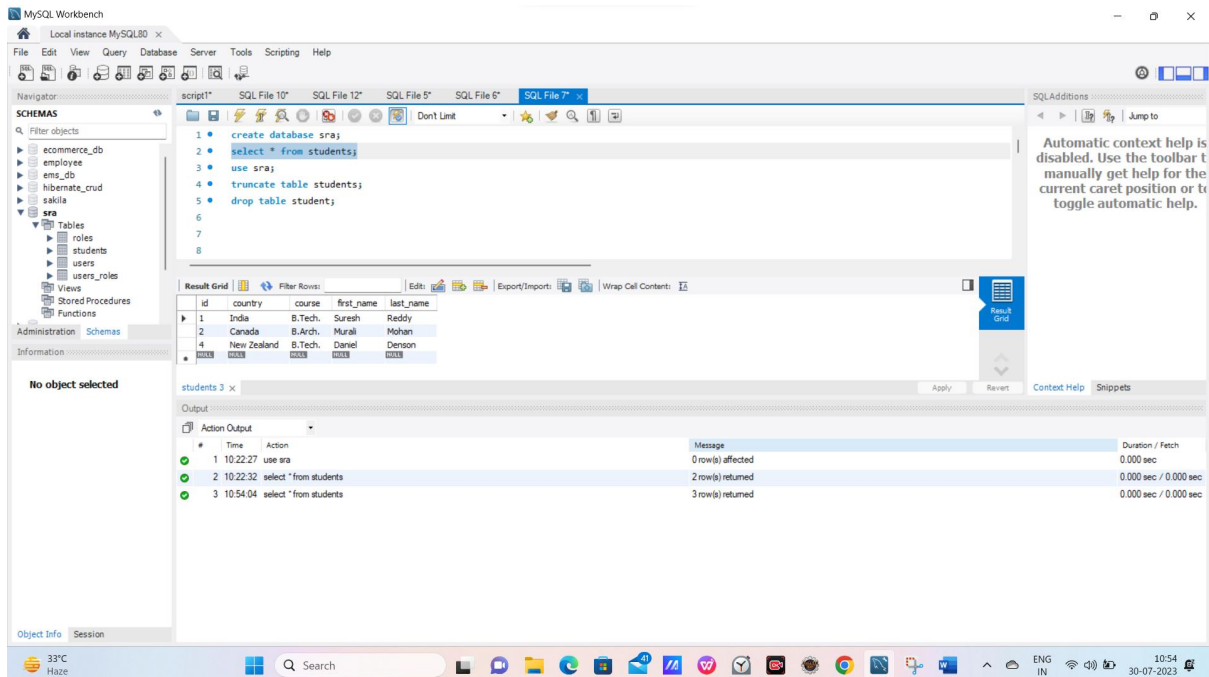
The screenshot shows the 'Students Directory' page. At the top, there are 'Add Student' and 'Logout' buttons. Below them is a table with student records. The table has columns for 'FirstName', 'LastName', 'Course', 'Country', and 'Action'. The 'Action' column contains 'Update', 'Delete', and 'View' buttons for each student. The browser's taskbar at the bottom shows the system clock as 11:10 on 30-07-2023.

FirstName	LastName	Course	Country	Action
Suresh	Reddy	B.Tech.	India	Update Delete View
Murali	Mohan	B.Arch.	Canada	Update Delete View
Daniel	Denson	B.Tech.	New Zealand	Update Delete View

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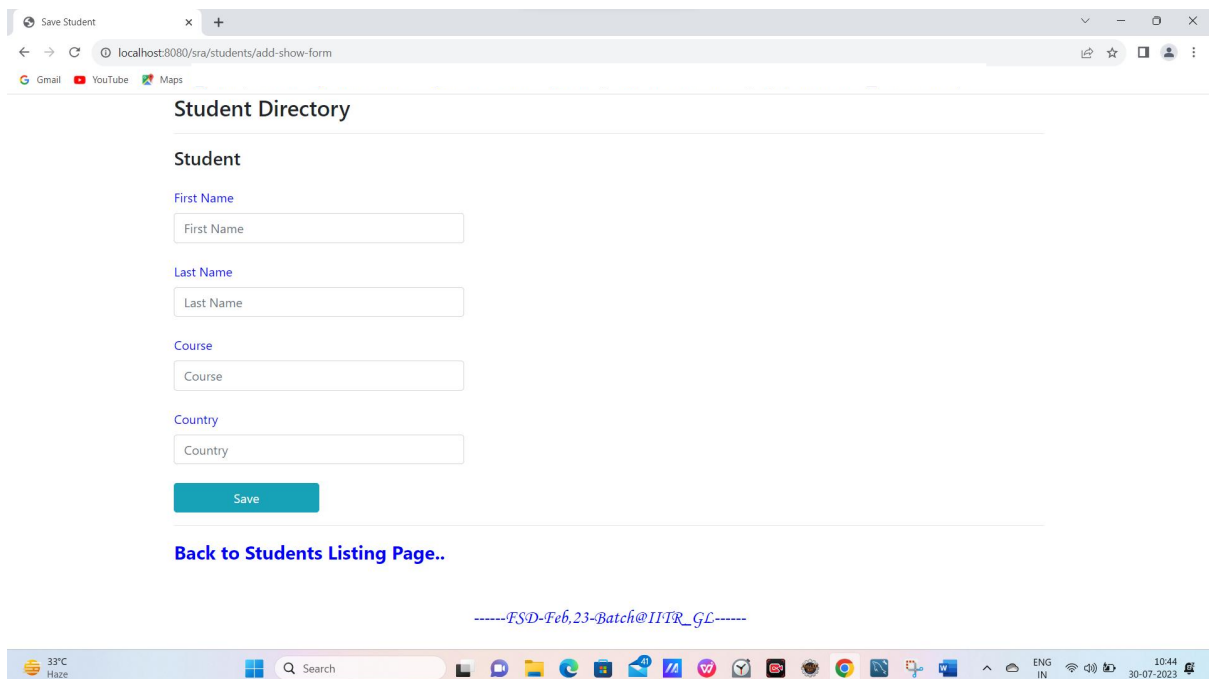
Pic: Listing Page

Insert Operation



Pic: DB Records Before Insertion of a New Student

Insert Operation



Pic: Create New Student (Blank Page)

Insert Operation

Save Student

localhost:8080/sra/students/add-show-form

Student Directory

Student

First Name
Tanya

Last Name
Gupta

Course
B.Com

Country
USA

Save

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32°C Haze Search 11:15 30-07-2023

Pic: With Filled-up Data Page

Insert Operation

Students Directory

Add Student Logout

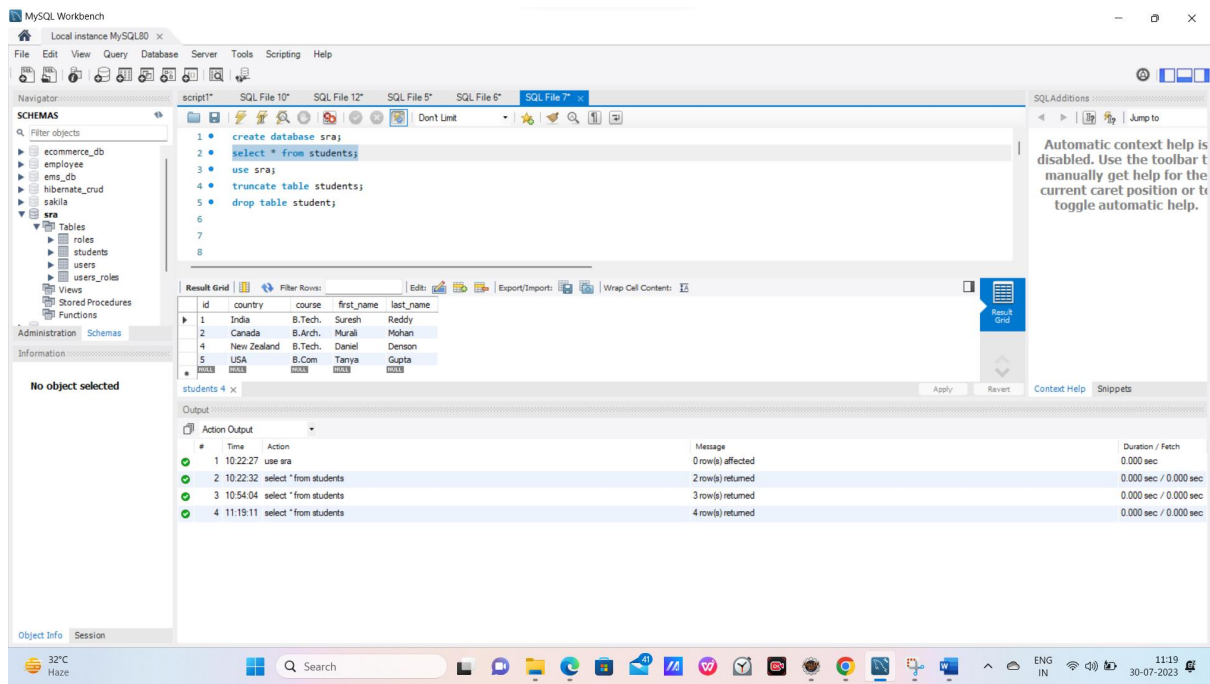
FirstName	LastName	Course	Country	Action
Suresh	Reddy	B.Tech.	India	Update Delete View
Murali	Mohan	B.Arch.	Canada	Update Delete View
Daniel	Denson	B.Tech.	New Zealand	Update Delete View
Tanya	Gupta	B.Com	USA	Update Delete View

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Show desktop 11:17 30-07-2023

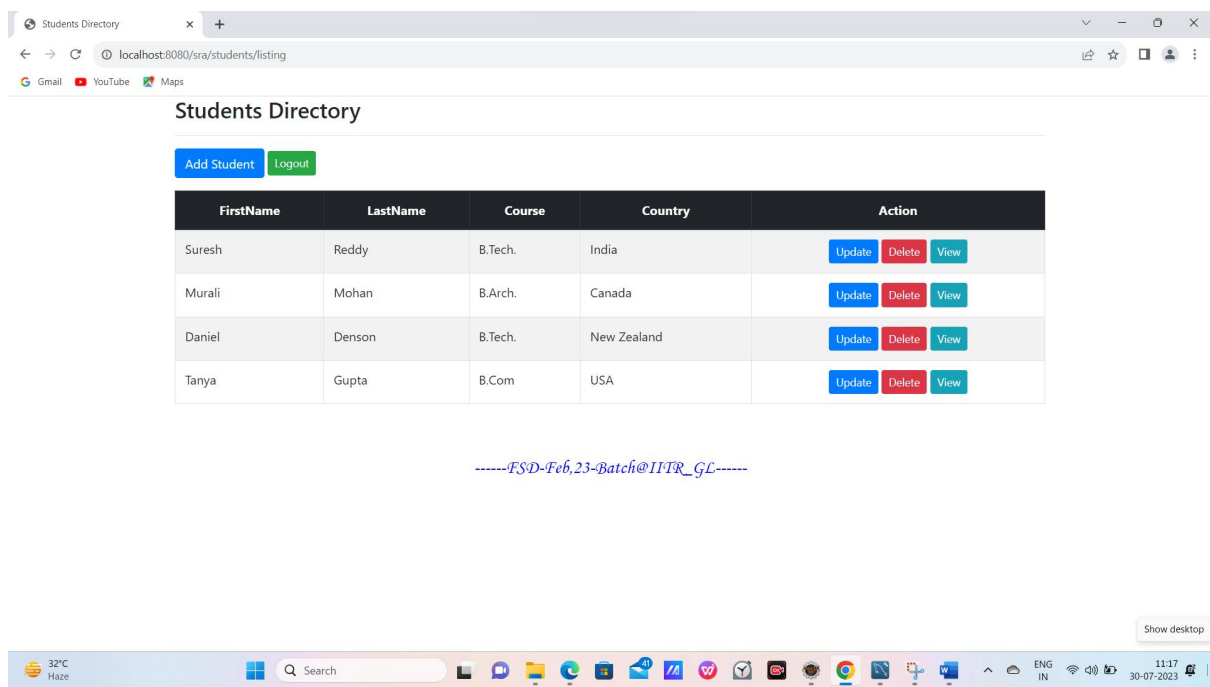
Pic: After Creation of New Student, Reflection on the Listing Page

Insert Operation



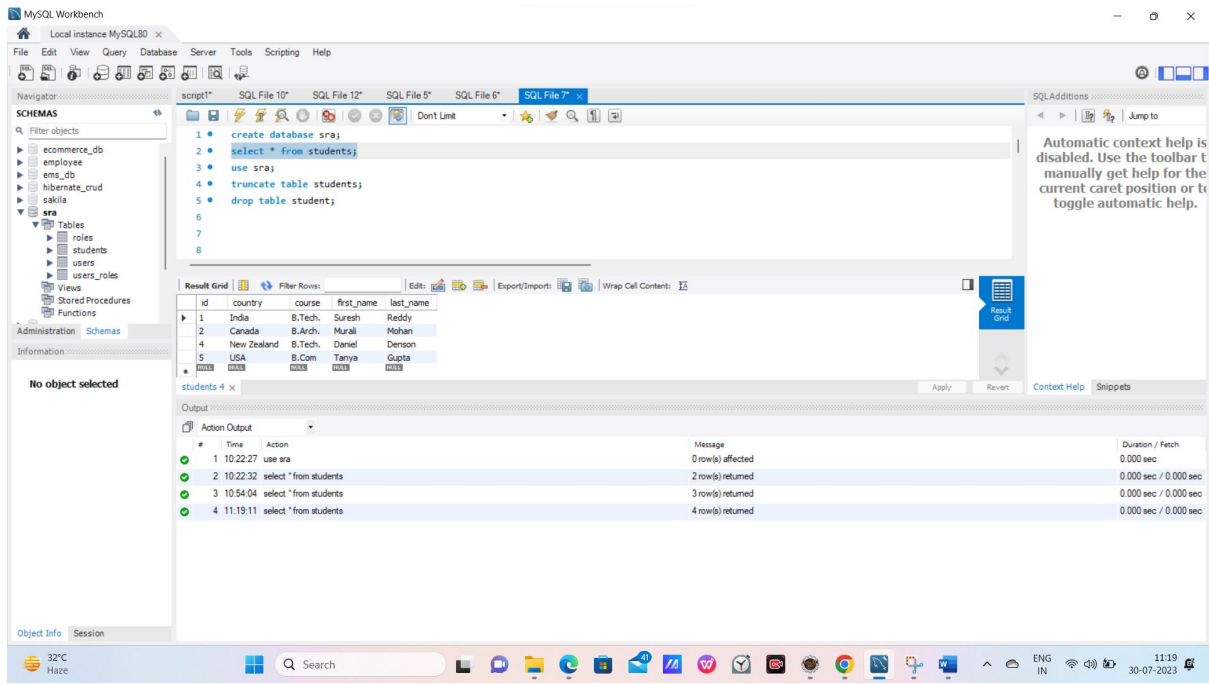
Pic: After Creation of New Student, Reflection in the Database

Update Operation



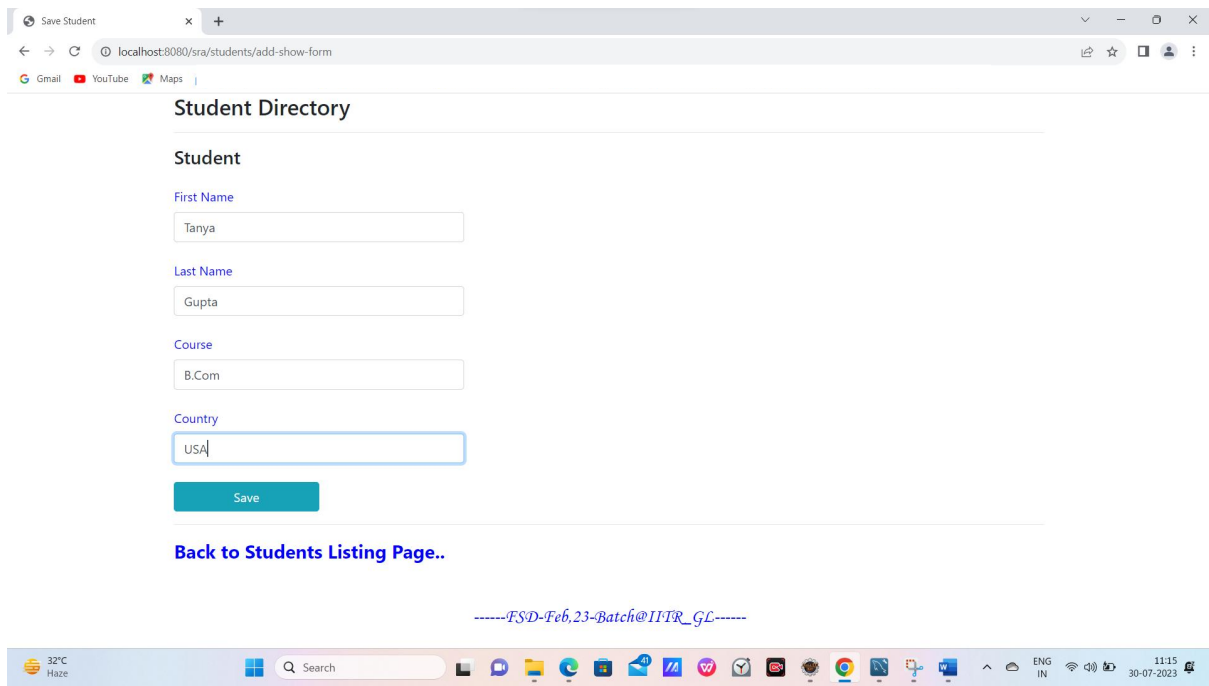
Pic: Before the Updation for the Student, 'Tanya', -The Listing Page

Update Operation



Pic: Before the Updation for the Student,'Tanya', -Records in the DB

Update Operation



Pic: Before the Updation for the Student,'Tanya', Edit Student Page

Update Operation

Save Student

localhost:8080/sra/students/update-show-form?studentId=5

Student Directory

Student

First Name
Tanya-v2

Last Name
Gupta-v2

Course
B.Pharm

Country
England

Save

[Back to Students Listing Page..](#)

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Pic: After the Updation for the Student,'Tanya', Edit Student Page

Update Operation

Students Directory

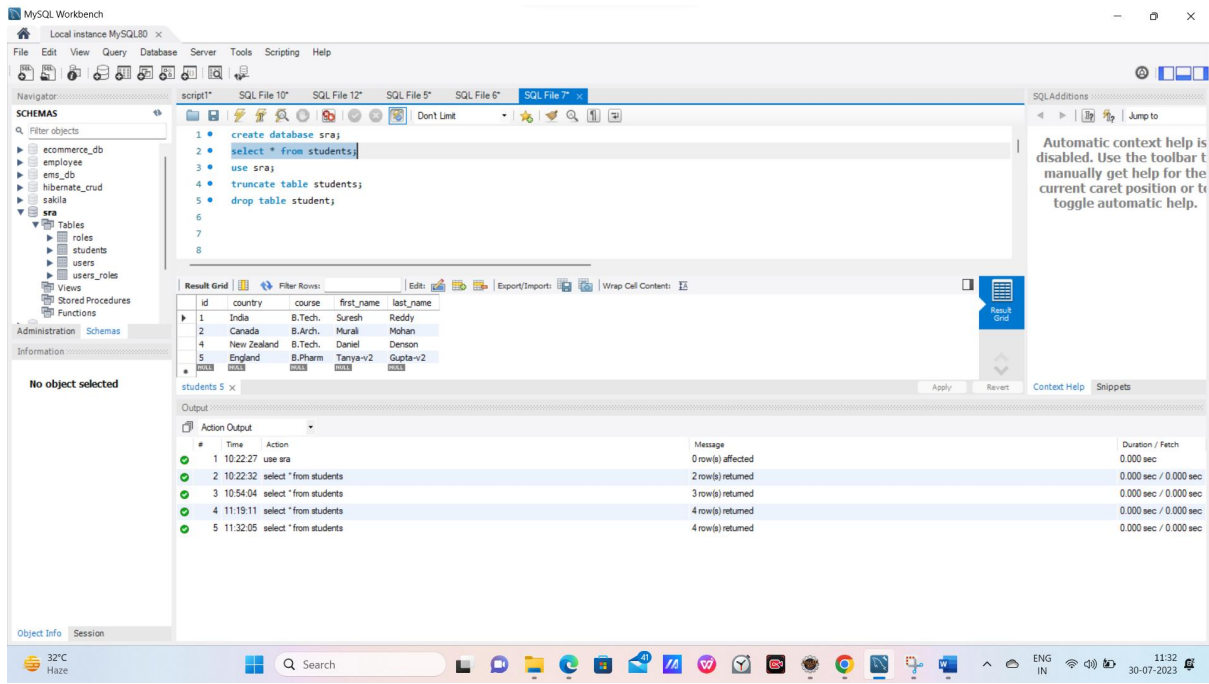
[Add Student](#) [Logout](#)

FirstName	LastName	Course	Country	Action
Suresh	Reddy	B.Tech.	India	Update Delete View
Murali	Mohan	B.Arch.	Canada	Update Delete View
Daniel	Denson	B.Tech.	New Zealand	Update Delete View
Tanya-v2	Gupta-v2	B.Pharm	England	Update Delete View

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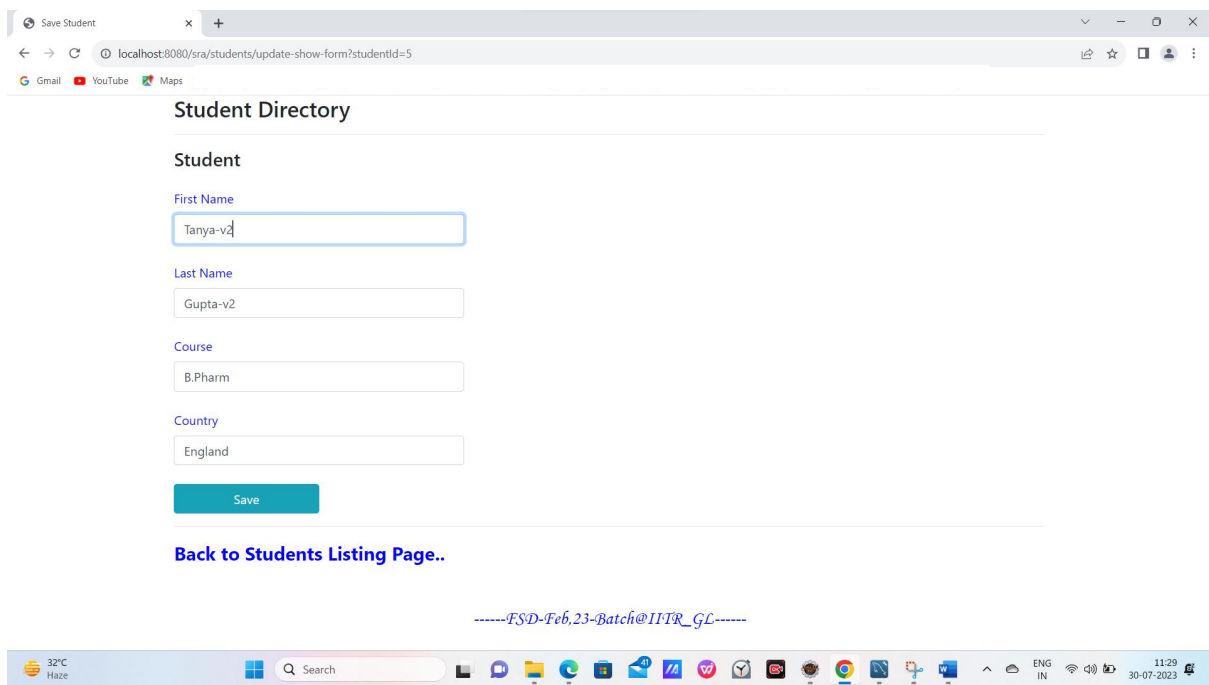
Pic: After the Updation for the Student,'Tanya', -Student Listing Page

Update Operation



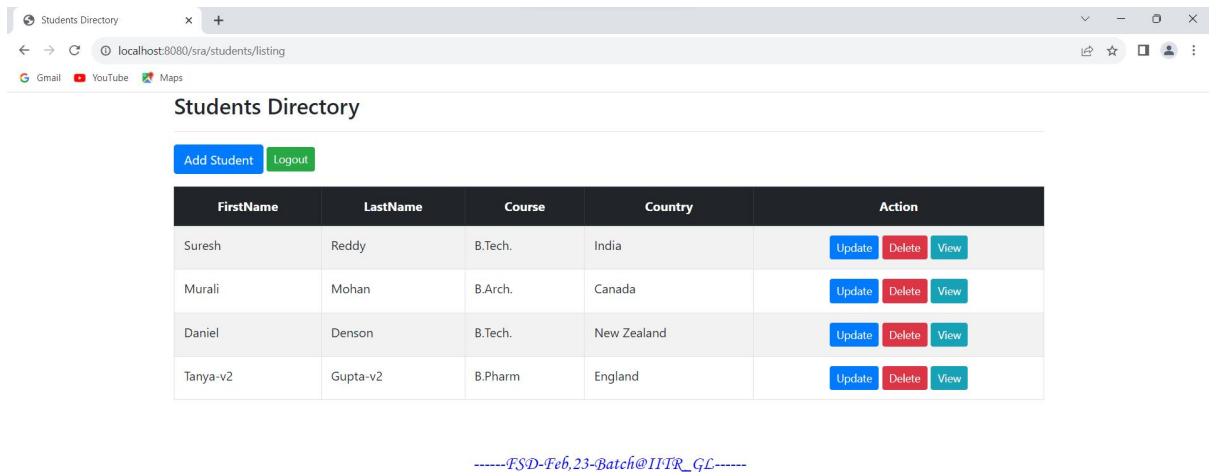
Pic: After the Updation for the Student, 'Tanya', Records in DB

Show / Select Operation



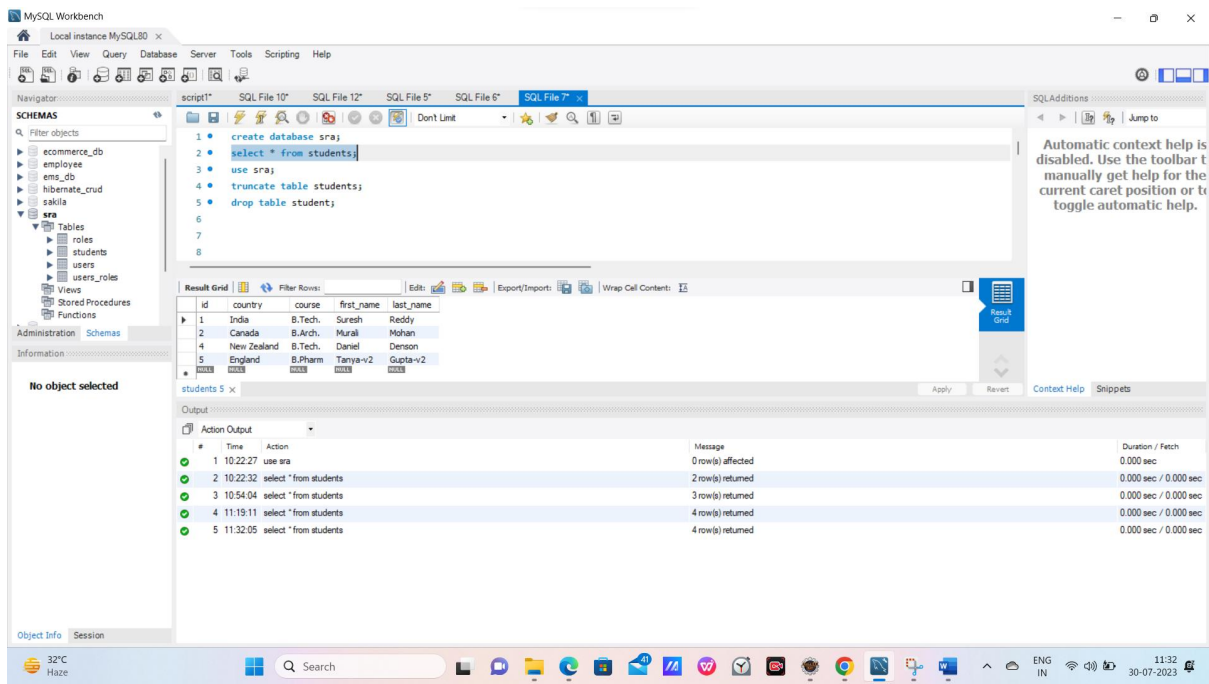
Pic: View / Select Operation for the Student, 'Tanya-v2', -The View Student-Page

Delete Operation



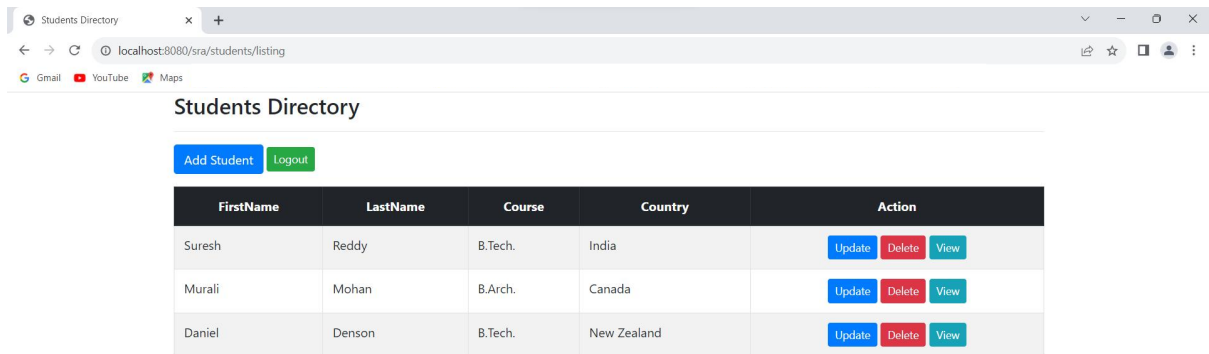
Pic: Before the Deletion for the Student, 'Tanya-v2', -The Listing Page

Delete Operation



Pic: Before the Deletion for the Student, 'Tanya-v2', -Records in the DB

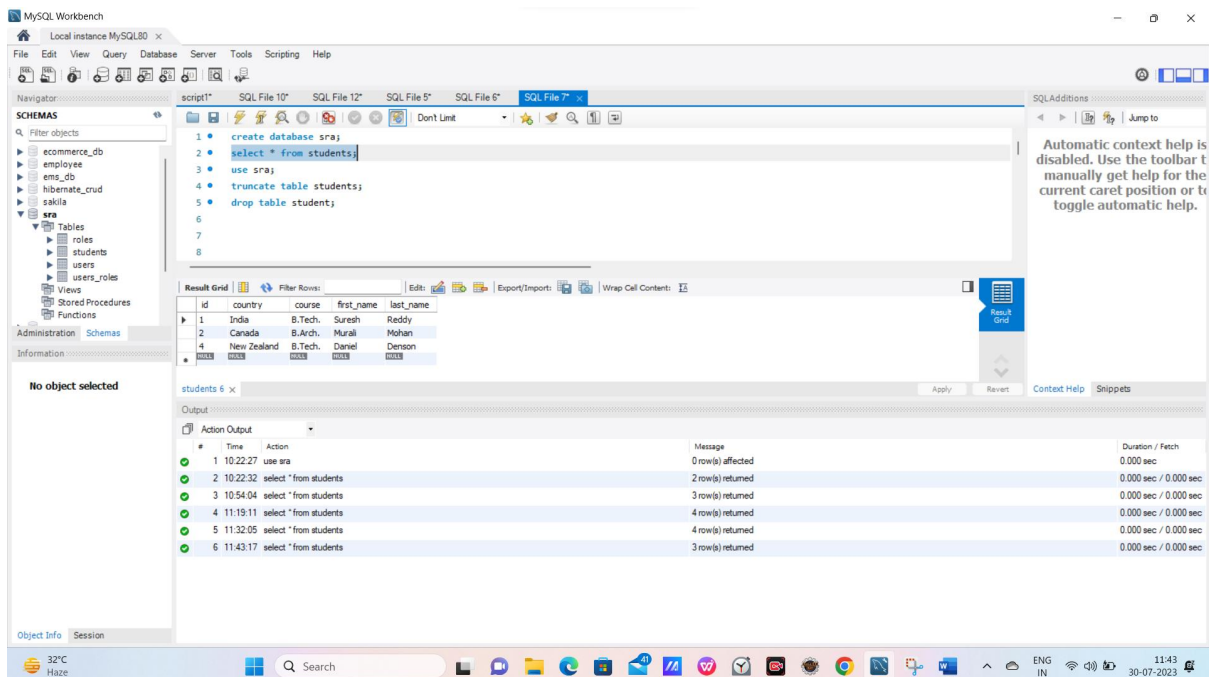
Delete Operation



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Pic: After the Deletion for the Student, 'Tanya-v2', -The Listing Page

Delete Operation



Pic: After the Deletion for the Student, 'Tanya-v2', -Records in the DB