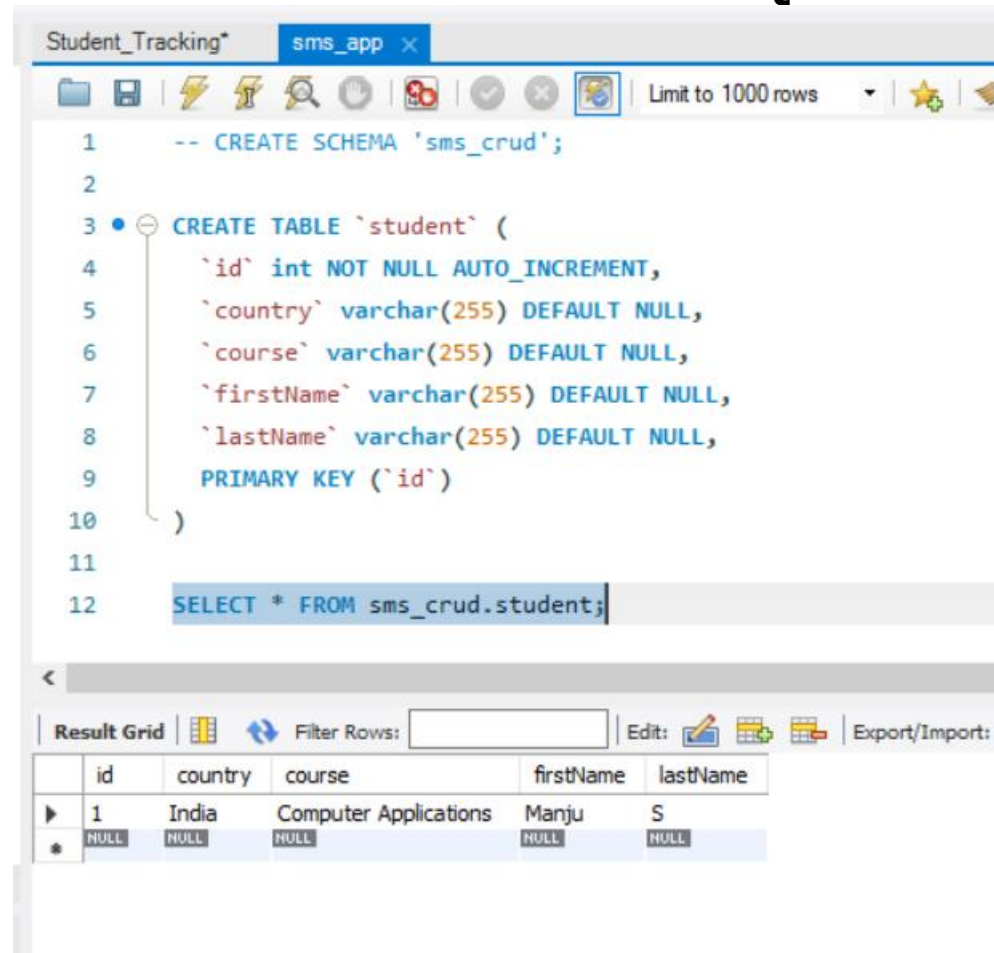


Student tracking system

1. Create schema and table in MYSQL.



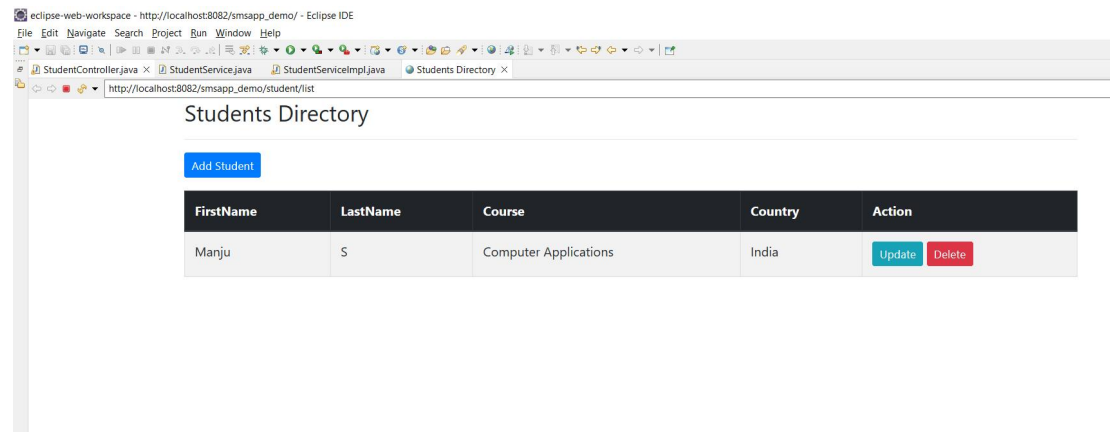
The screenshot shows the MySQL Workbench interface. The top toolbar includes icons for file operations, execution, and viewing. The SQL editor contains the following code:

```
1  -- CREATE SCHEMA 'sms_crud';
2
3  CREATE TABLE `student` (
4      `id` int NOT NULL AUTO_INCREMENT,
5      `country` varchar(255) DEFAULT NULL,
6      `course` varchar(255) DEFAULT NULL,
7      `firstName` varchar(255) DEFAULT NULL,
8      `lastName` varchar(255) DEFAULT NULL,
9      PRIMARY KEY (`id`)
10 )
11
12 SELECT * FROM sms_crud.student;
```

Below the editor, the 'Result Grid' tab is active, displaying the data returned by the query. The grid shows one row of data and one row of NULL values.

	id	country	course	firstName	lastName
▶	1	India	Computer Applications	Manju	S
✱	NULL	NULL	NULL	NULL	NULL

2. View student list



The screenshot shows a web application running in a browser. The address bar displays the URL: `http://localhost:8082/smsapp_demo/student/list`. The page title is 'Students Directory'. Below the title, there is an 'Add Student' button. A table displays the student list with the following columns: 'FirstName', 'LastName', 'Course', 'Country', and 'Action'.

FirstName	LastName	Course	Country	Action
Manju	S	Computer Applications	India	Update Delete

3. Student add form

eclipse-web-workspace - http://localhost:8082/smsapp_demo/ - Eclipse IDE

File Edit Navigate Search Project Run Window Help

StudentController.java StudentService.java StudentServiceImpl.java Save Student x

http://localhost:8082/smsapp_demo/student/showFormForAdd

Student Directory

Student

First Name

Last Name

Course

Country

Save

[Back to Students List](#)

4. On clicking SAVE button details will be store to table

eclipse-web-workspace - http://localhost:8082/smsapp_demo/ - Eclipse IDE

File Edit Navigate Search Project Run Window Help

StudentController.java StudentService.java StudentServiceImpl.java Save Student X

http://localhost:8082/smsapp_demo/student/showFormForAdd

Student Directory

Student

Suresh

V

MBA

us

Save

[Back to Students List](#)

eclipse-web-workspace - http://localhost:8082/smsapp_demo/ - Eclipse IDE

File Edit Navigate Search Project Run Window Help

StudentController.java StudentService.java StudentServiceImpl.java Students Directory X

http://localhost:8082/smsapp_demo/student/list

Students Directory

[Add Student](#)

FirstName	LastName	Course	Country	Action
Manju	S	Computer Applications	India	Update Delete
Suresh	V	MBA	US	Update Delete

5. On clicking the update button the form will be shown to update details

eclipse-web-workspace - http://localhost:8082/smsapp_demo/ - Eclipse IDE

File Edit Navigate Search Project Run Window Help

StudentController.java StudentService.java StudentServiceImpl.java Save Student X

http://localhost:8082/smsapp_demo/student/showFormForUpdate?studentId=3

Student Directory

Student

Suresh

V

IT

US

Save

[Back to Students List](#)

6. Updated data stored in the table

eclipse-web-workspace - http://localhost:8082/smsapp_demo/ - Eclipse IDE

File Edit Navigate Search Project Run Window Help

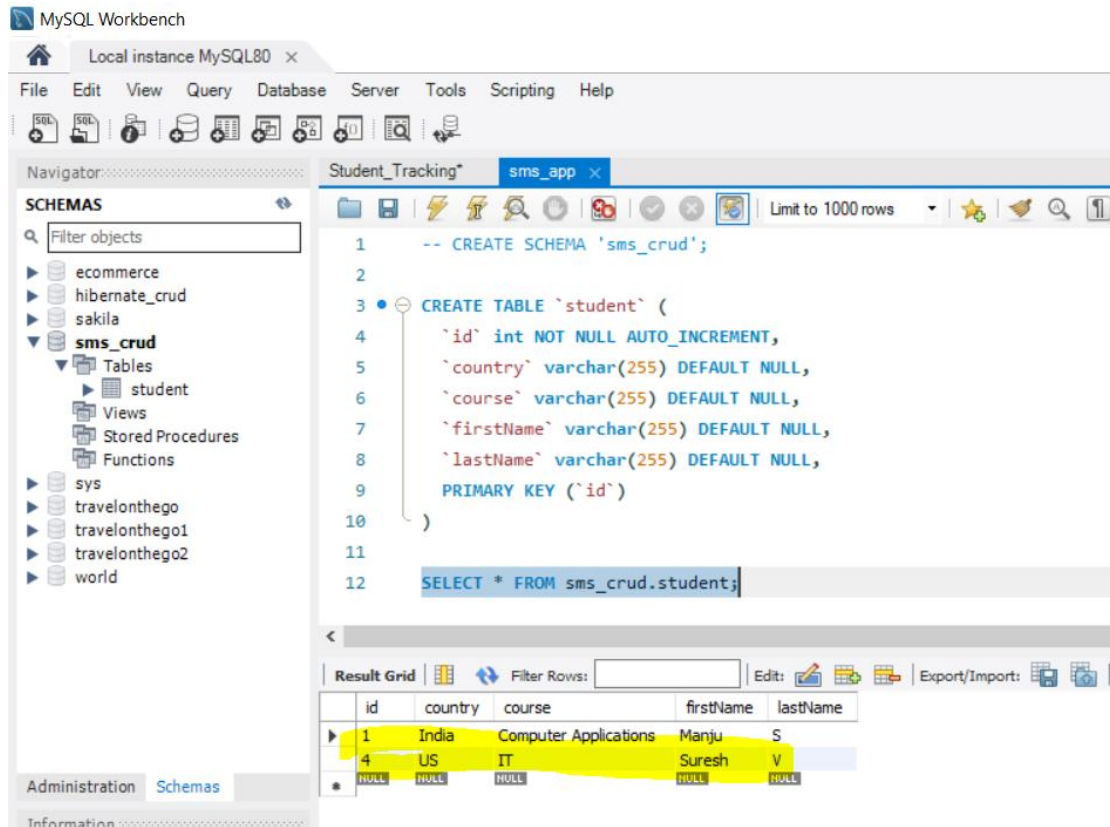
StudentController.java StudentService.java StudentServiceImpl.java Students Directory X

http://localhost:8082/smsapp_demo/student/list

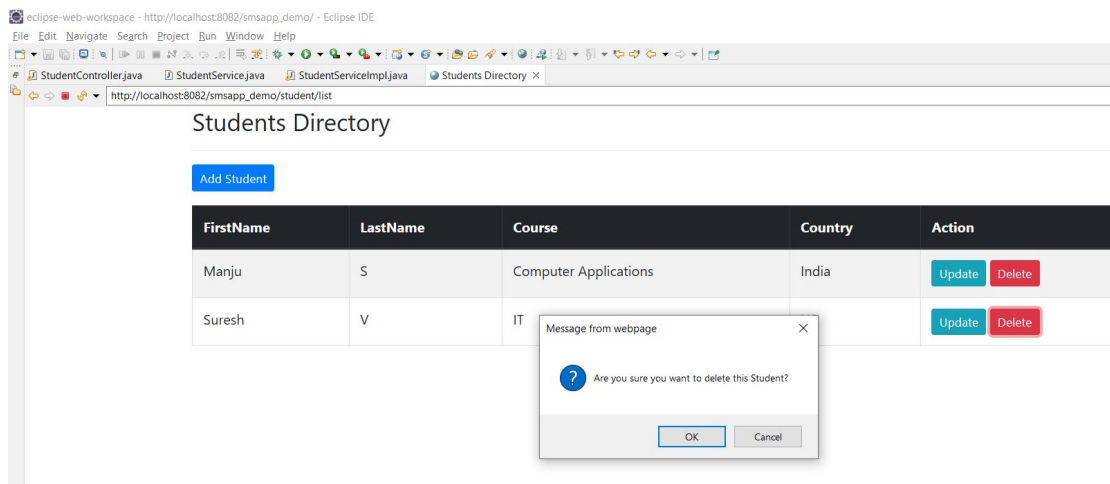
Students Directory

[Add Student](#)

FirstName	LastName	Course	Country	Action
Manju	S	Computer Applications	India	Update Delete
Suresh	V	IT	US	Update Delete



7. On clicking the delete button the pop up shown as alert.



8. On clicking ok to alert the data deleted from table.

eclipse-web-workspace - http://localhost:8082/smsapp_demo/ - Eclipse IDE

File Edit Navigate Search Project Run Window Help

StudentController.java StudentService.java StudentServiceImpl.java Students Directory

http://localhost:8082/smsapp_demo/student/list

Students Directory

Add Student

FirstName	LastName	Course	Country	Action
Manju	S	Computer Applications	India	Update Delete