

Question

You are required to create a Customer Relationship Management web application, where you will be developing CRUD(Create Read Update Delete) functionality.

Note the following points while developing the application

→ The main page will display all the customers present in the database.

→ Customers will have following attributes

a) First Name

b) Last Name

c) Email

→ You are required to provide action buttons(update and delete)

→ There should be an add customer button that will redirect to a new page which will consist of a form to add the customer details.

Solution and Technologies Used:-

Spring Boot, Data Jpa with h2 Database

Submitted by Shambhavi

Add New Record Page

The screenshot shows a web browser window with the address bar displaying 'localhost:8080/edit'. The page title is 'Add Employee'. The form contains three input fields: 'First Name' (with the text 'learning'), 'Last Name' (with the placeholder 'Last Name'), and 'Email' (with the placeholder 'Email Id'). A blue 'Submit' button is located at the bottom of the form. The browser's address bar also shows 'localhost:8080/edit'.

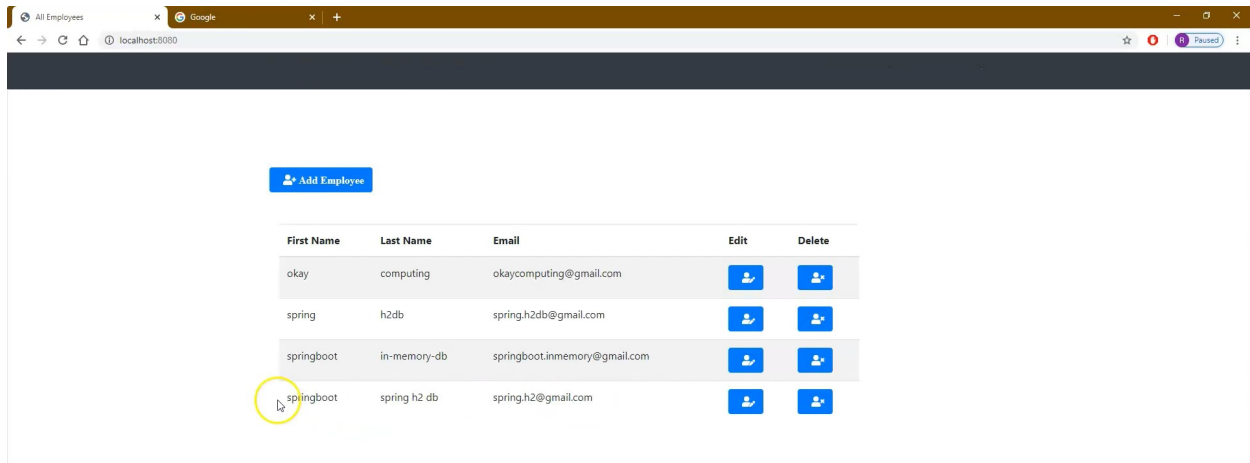
All Record Page

The screenshot shows a web browser window with the address bar displaying 'localhost:8080'. The page title is 'All Employees'. At the top left, there is a blue button labeled 'Add Employee'. Below the button is a table with the following data:

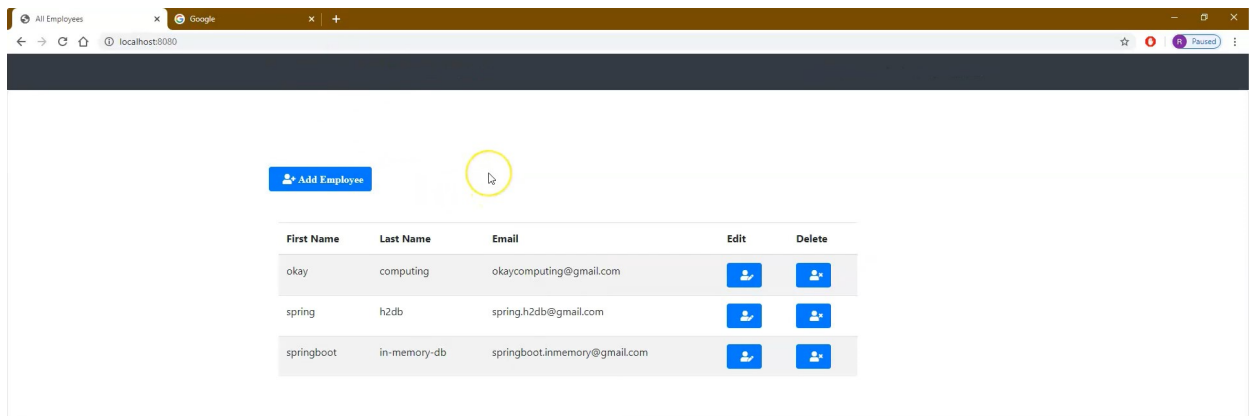
First Name	Last Name	Email	Edit	Delete
okay	computing	okaycomputing@gmail.com		
spring	h2db	spring.h2db@gmail.com		
springboot	in-memory-db	springboot.inmemory@gmail.com		
learning	spring h2 db	spring.h2@gmail.com		

The 'Edit' and 'Delete' columns contain blue buttons with white icons. A yellow circle highlights the 'Edit' button for the 'learning' row.

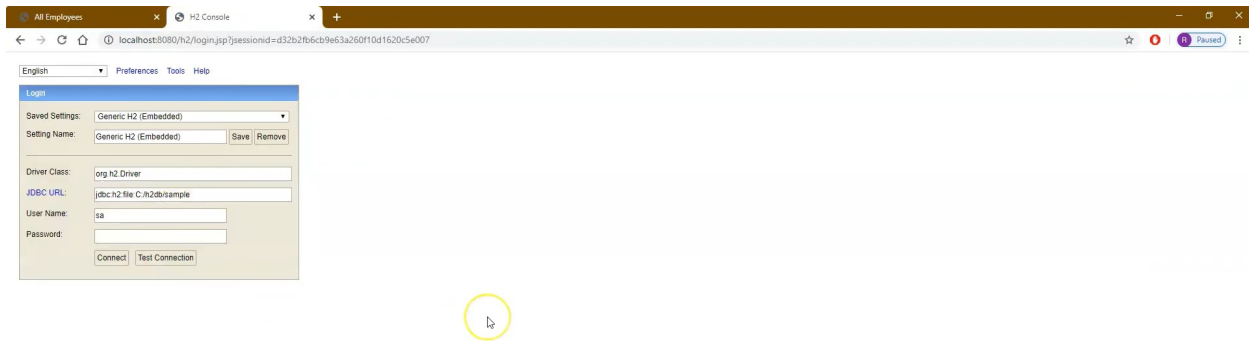
All Record Page



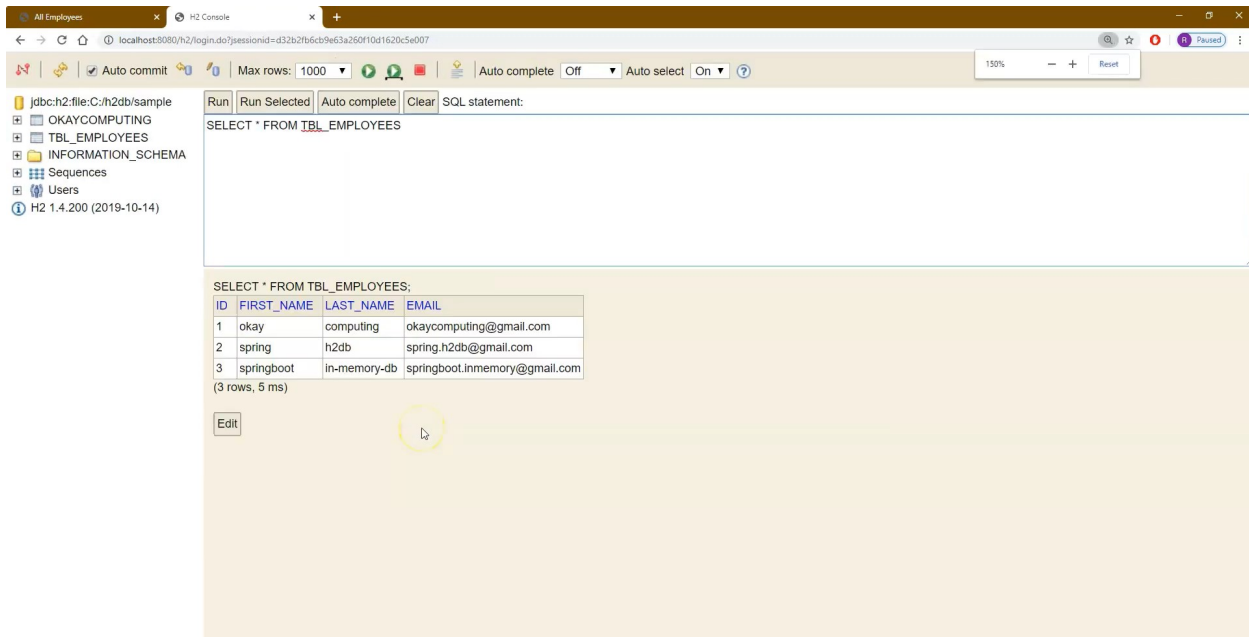
After Deleting last record



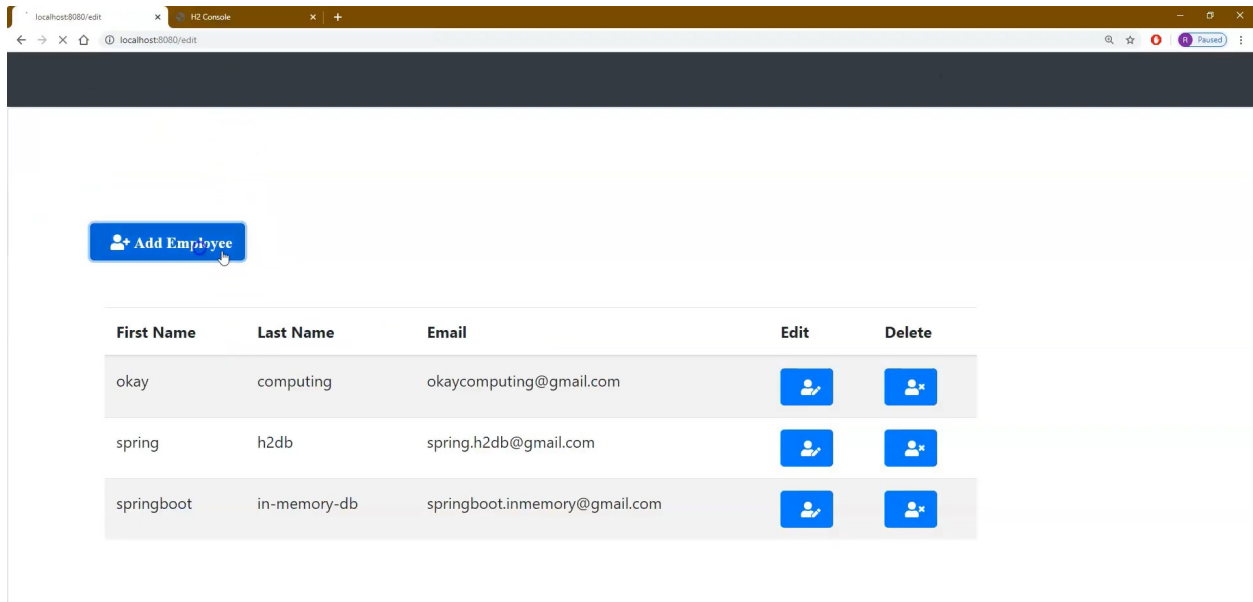
H2 Database Login



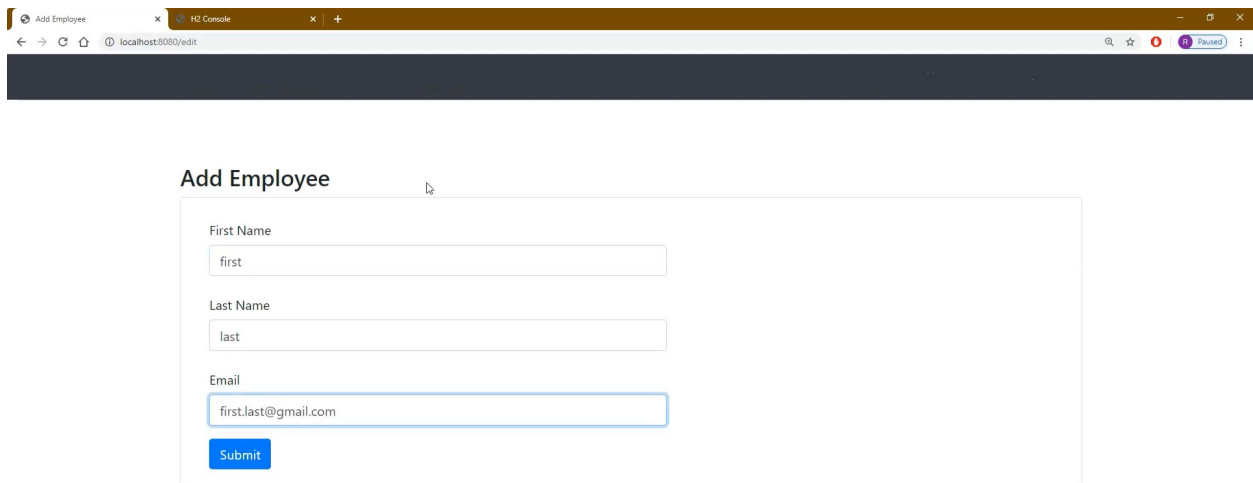
Printing all Records



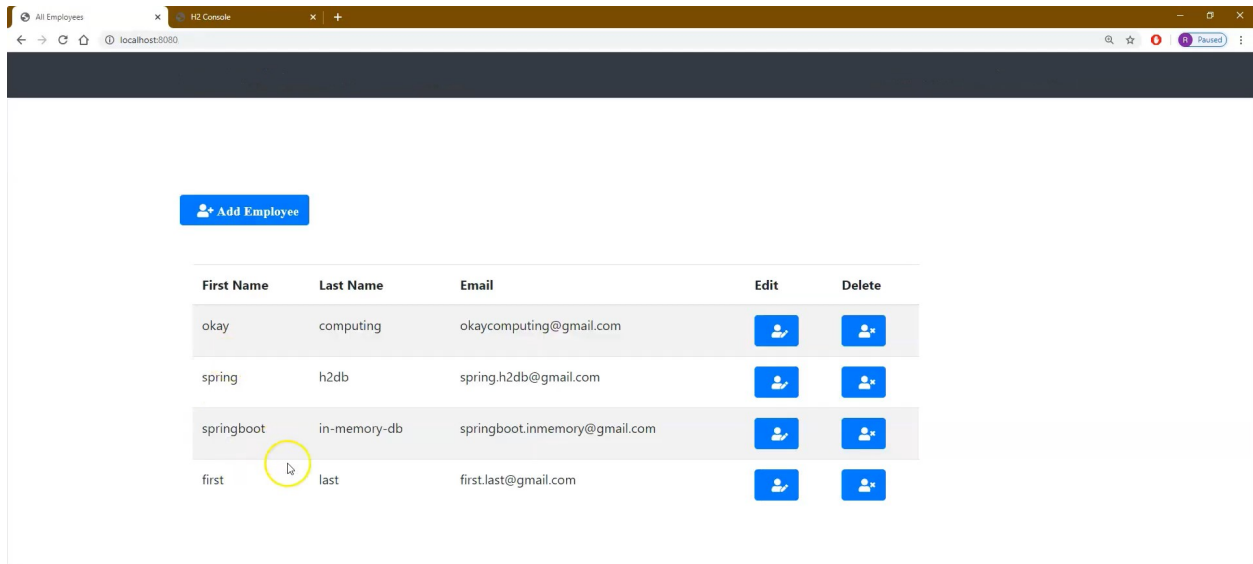
Adding New Record



Added



Printing that Newly added Record



Now Watching that newly added record in h2 database

