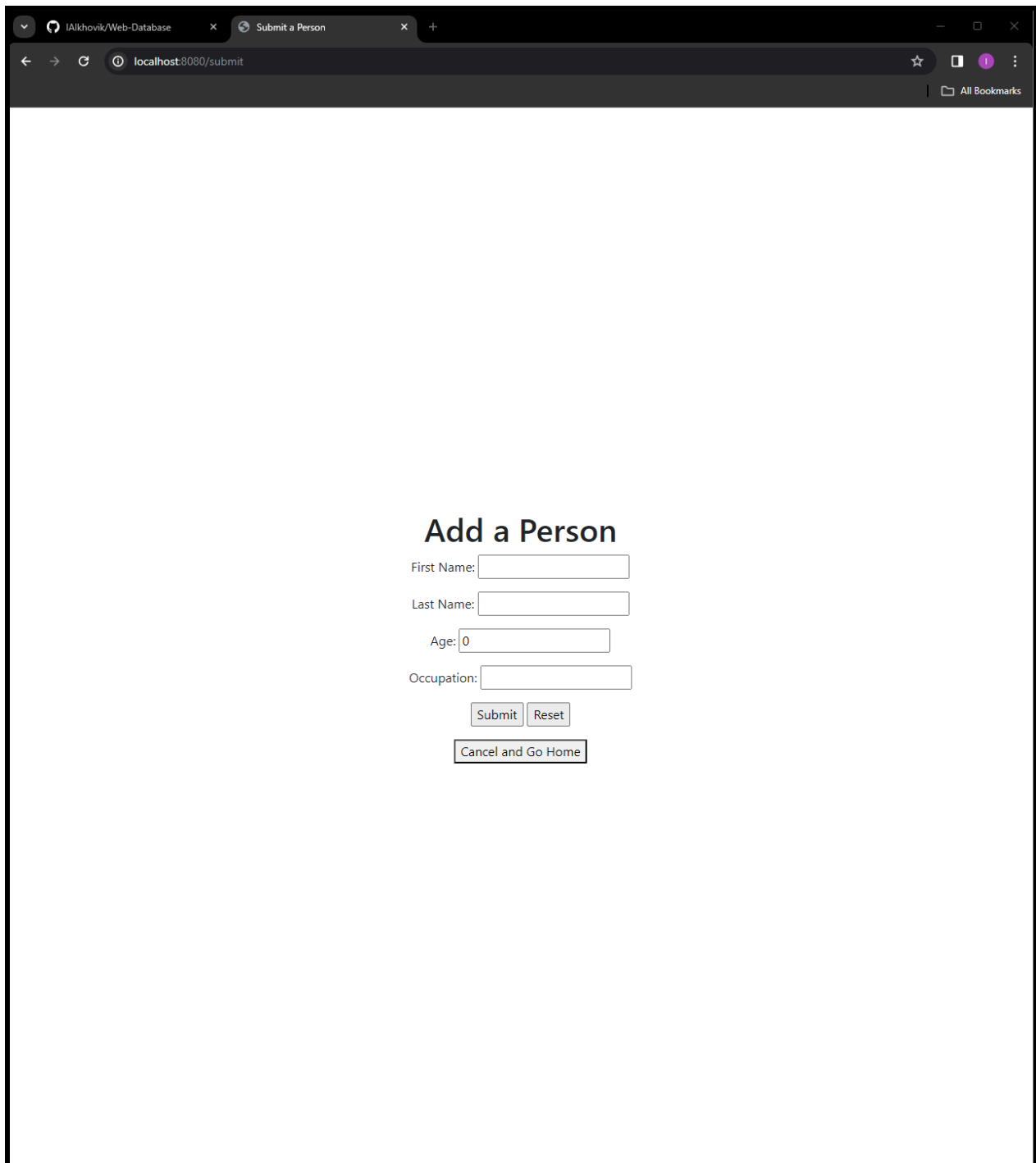This is an ongoing project for the development of the following skills: Spring Boot, HTML, Jpa, Hibernate, and Bootstrap. This project is a website which connects to a local MySQL database which stores People (id, name, age, occupation) objects. A user is able to add and remove a Person object from the database and search through the database by id, last name, or simply see all entries.

The user first enters the website to the home page. This page contains buttons that lead to adding a Person, removing a Person, or searching the database.
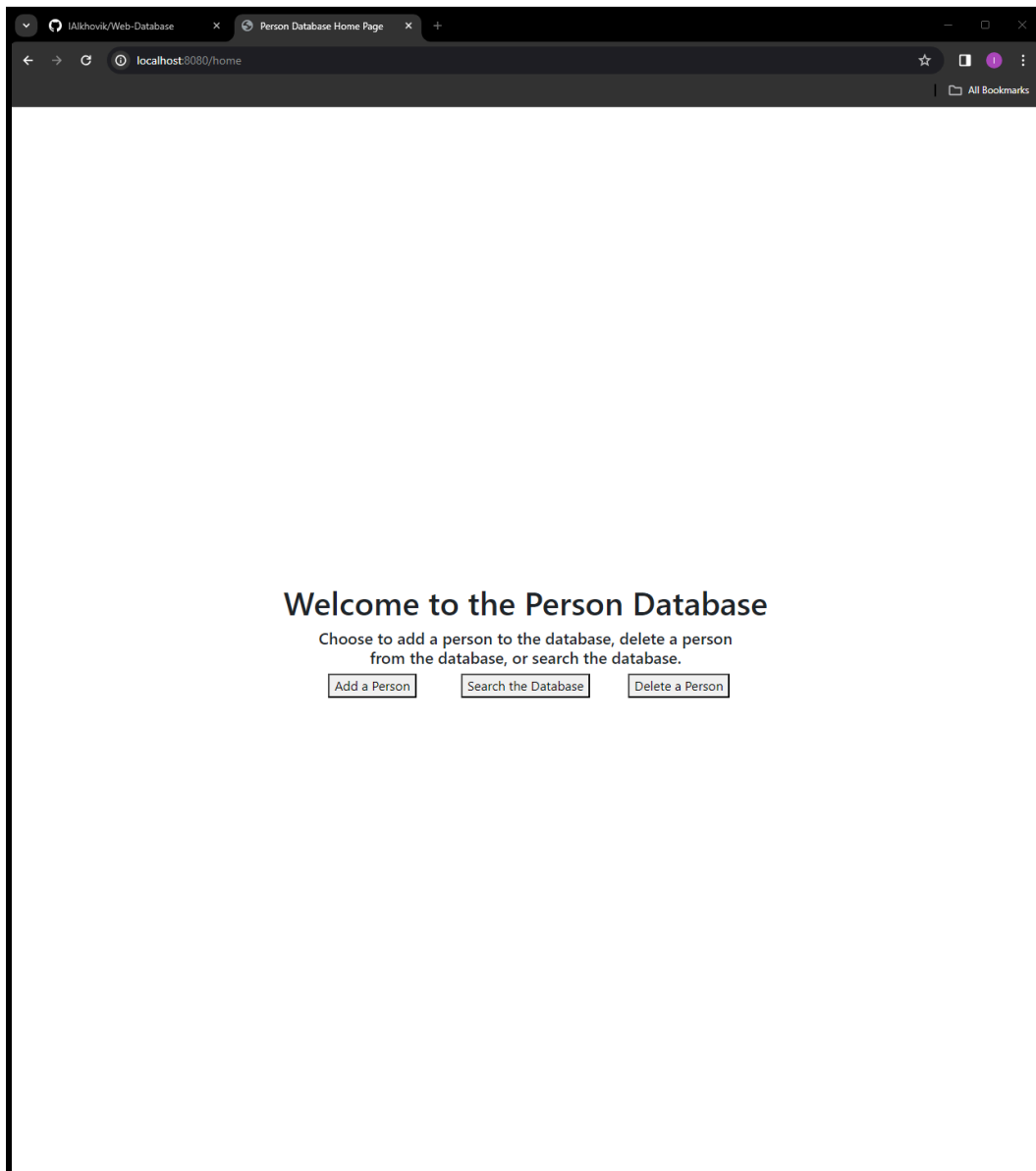
When clicking "Add a Person", the user is sent to a screen which contains a form which allows them to input the name, age, and occupation of the person. The id for the person is autogenerated by the database.
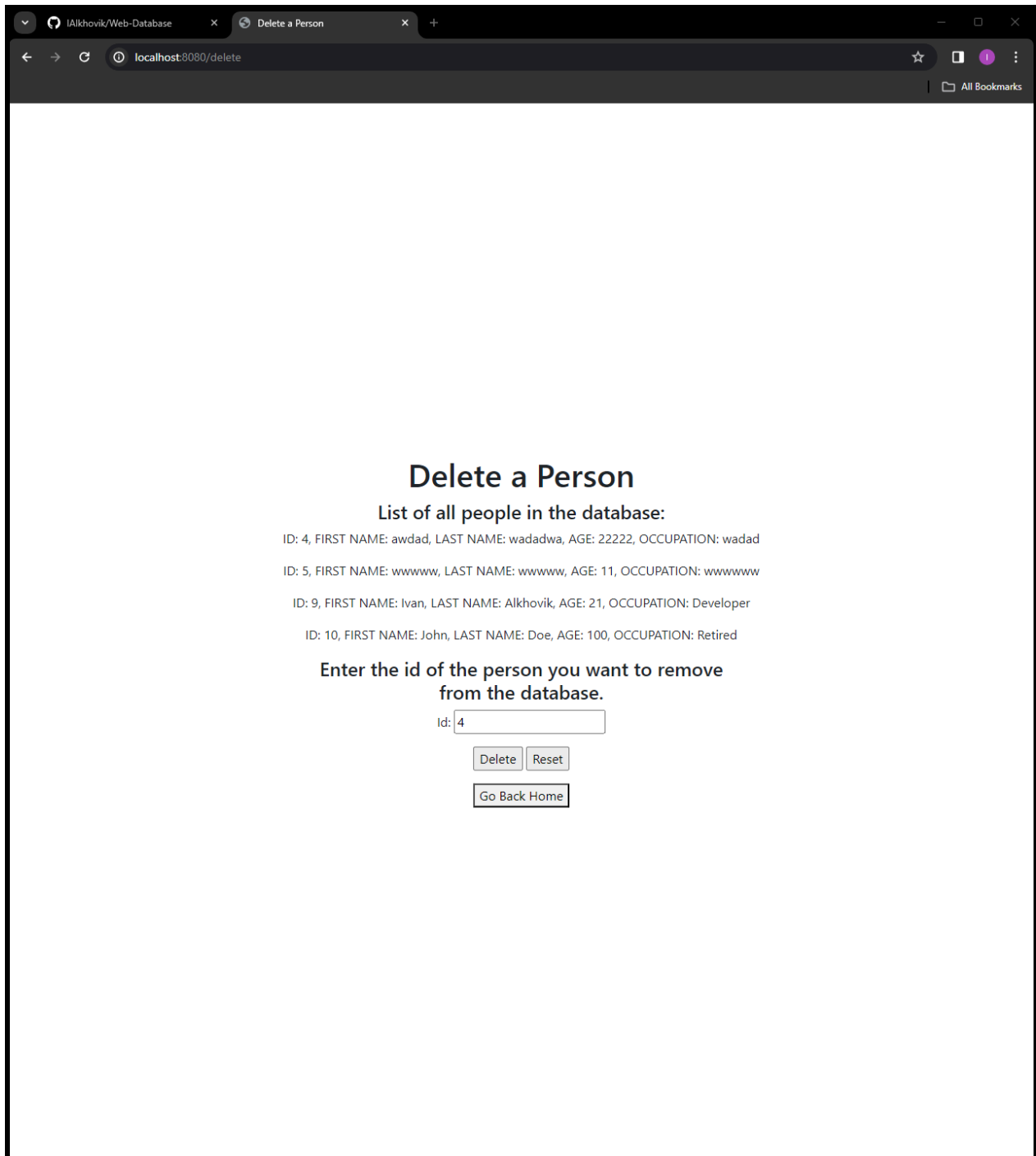
If the user clicks "Delete a Person", they are sent to a screen which displays all Person objects in the database and contains an input field for the id of the person they want to delete (Note that id=4 will be deleted. This is shown to be successful on page 7).

Once either the "Add a Person" or "Delete a Person" functions are completed, the user is sent to a "success" screen where they can return back to the start screen.
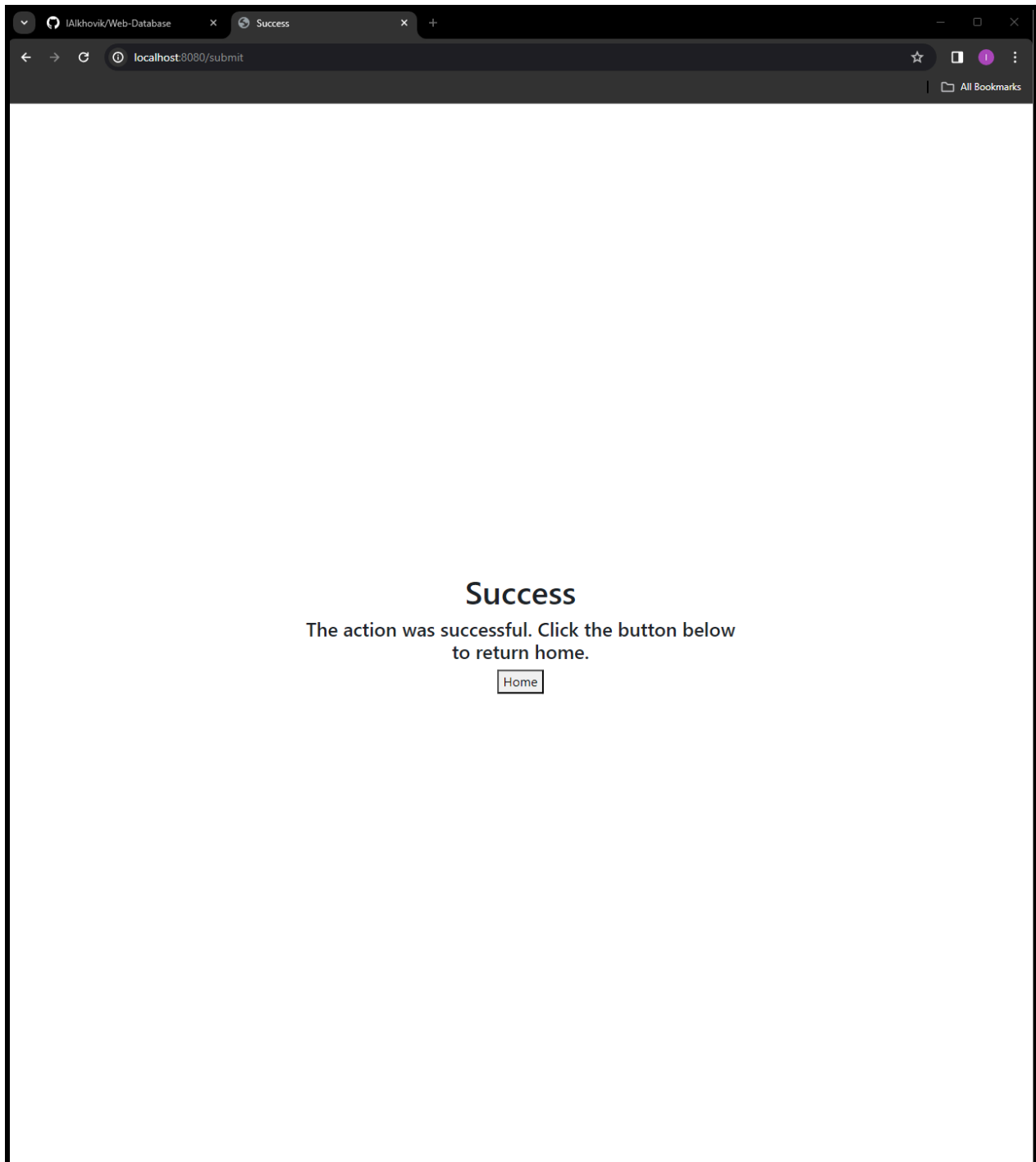
If the user clicks on "Search the Database" in the home page, they will be sent to a form which takes in an id or a last name to search by. If both are left blank, the database displays all users. If only one is filled in, the search is done only by the submitted field. If both are filled in, the search is done by both.

This page displays the database after the search with the "id=9" input is completed.

Database Output

ID: 9, FIRST NAME: Ivan, LAST NAME: Alkhovik, AGE: 21, OCCUPATION: Developer

Home
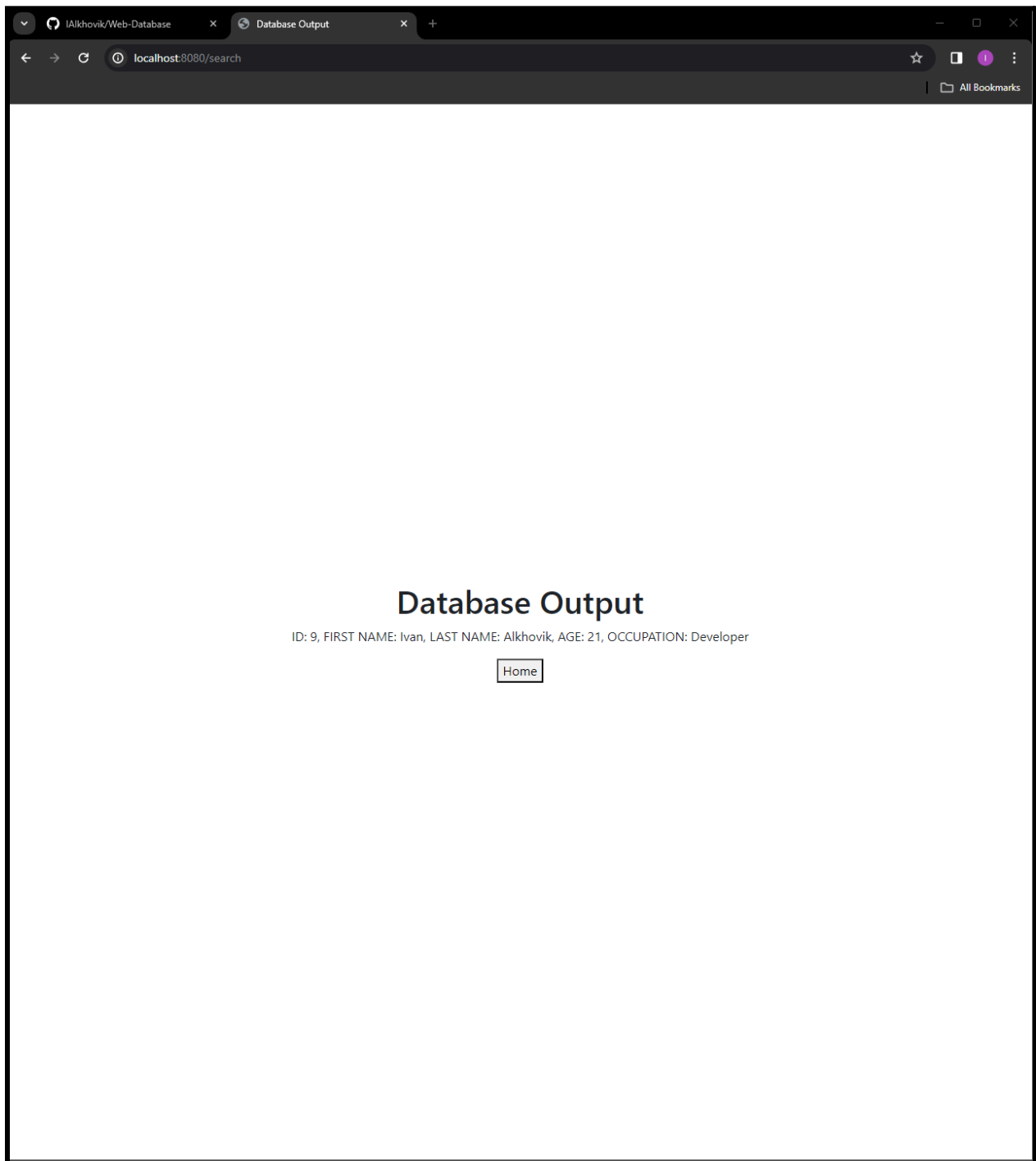
This page displays the database after the search with no filters is inputted (so all input fields were empty), and after the deletion of id=4 shown on page 3 (Note that the operation successfully removed one entry between the pages that corresponded to id=4).