

Servlet Registration Form with Java Servlet and JSP

This code snippet demonstrates a simple registration form implemented using Java Servlet and JSP (JavaServer Pages). The form collects information about a product, including its ID, name, and price. Upon submission, the entered data is processed by the servlet and displayed back to the user.

Servlet.java

The servlet class extends the `HttpServlet` class and overrides the `doPost` method to handle the form submission. It retrieves the form parameters (ID, name, and price) using the `request.getParameter()` method. It then constructs an HTML response using a `PrintWriter` object and sends it back to the client (web browser).

Index.jsp

The `index.jsp` file represents the user interface of the registration form. It is a JSP file that contains HTML markup along with JSP tags. It includes an HTML form with fields for ID, product name, and price. The form's action attribute is set to "servlet," which corresponds to the servlet class that will handle the form submission. The method attribute is set to "post" to indicate that the form data will be sent via an HTTP POST request.

Usage:

The user opens the `index.jsp` file in a web browser.

The user fills out the form fields, providing the product's ID, name, and price.

The user clicks the "Submit" button.

The form data is sent to the servlet class using an HTTP POST request.

The servlet processes the data, retrieves the parameters, and constructs an HTML response.

The servlet sends the response back to the client (web browser).

The client (web browser) displays the response, which includes the product's ID, name, and price.

This code provides a basic example of how to create a registration form using Java Servlet and JSP. It can be further enhanced by adding validation, database integration, and other functionalities based on specific requirements.