

Java Technologies - Lab 1

[valid 2025-2026]

Java Servlet Technology

Compulsory (1p)

- Install a Java/Jakarta EE server: [Apache Tomcat](#), [Eclipse GlassFish](#), or [Payara Server](#).
 - Create a Java EE application, deploy it on the server. Verify you can access the welcome page.
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Homework (2p)

- Create two simple HTML pages in the application, `page1.html` and `page2.html`.
 - The application will have a dynamically generated welcome page, containing a form that lets the user select either the value 1 or 2.
The input will be submitted to a controller servlet that will forward the request either to `page1` or `page2`, depending on the selected value.
 - Write in the server log the following information about each request: the HTTP *method* used, the IP-address of the client, the *user-agent*, the client *language(s)* and the *parameter* of the request.
 - Invoke the servlet from a desktop application (Java, Python, .NET, etc.).
The response of the servlet will be, in this case, a plain text containing the value of the parameter, and not the content of a page.
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Resources

- [Java EE Specification APIs / Jakarta EE Platform API](#)
- [The Java EE Tutorial / The Jakarta EE Tutorial](#)
- [Payara Server](#)
- [Java Servlet Technology](#)
- [java.net.http.HttpClient](#)