

# 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`